



ECS Technology LIMITED

Электронные компоненты



Каталог продукции

Полумосты

600-1700 В

Тип	V _{CES}	I _C	V _{CESat}	R _{thJC}	Чертеж/стр.	Соответствие другим производителям	
			T _{vj} =25°C	К/Вт			
	V	A	V	макс.		Infineon	SEMIKRON
ECM50GB06D	650	50	1.9	0.50	G1	BSM50GB60DLC	SKM50GB063D
ECM75GB06D	650	75	1.9	0.39	G1	BSM75GB60DLC	SKM75GB063D
ECM100GB06D	650	100	1.9	0.31	G1	BSM100GB60DLC	SKM100GB063D
ECM150GB06D	650	150	1.9	0.21	G1	BSM150GB60DLC	SKM145GB066D
ECM200GB06D	650	200	1.9	0.16	G1	BSM200GB60DLC	SKM195GB066D
ECM200GB06IE4	650	200	1.9	0.16	G2	FF200R06KE3	
ECM300GB06IE4	650	300	1.9	0.11	G2	FF300R06KE3, BSM300GB60DLC	
ECM400GB06IE4	650	400	1.9	0.08	G2	FF400R06KE3/ FF400R07KE4	
ECM200GB06SE4	650	200	1.9	0.16	G2S		SKM200GB063D
ECM300GB06SE4	650	300	1.9	0.11	G2S		SKM300GB063D/066D
ECM400GB06SE4	650	400	1.9	0.08	G2S		SKM400GB066D
ECM450GB06ME4	650	450	1.9	0.07	G6	FF450R06ME3	
ECM600GB06ME4	650	600	1.9	0.05	G6	FF600R06ME3	
ECM40GB12T4	1200	40	2.30	0.60	G1	BSM35GB120DN2/DLC	
ECM50GB12T4	1200	50	2.30	0.46	G1	FF50R12RT4, BSM50GB120DN2/DLC	SKM50GB12T4/12V/ 123D/124D/128D
ECM75GB12T4	1200	75	2.30	0.39	G1	FF75R12RT4, BSM75GB120DN2/DLC	SKM75GB12T4/12V/ 123D/124D/128D
ECM100GB12T4	1200	100	2.30	0.31	G1	FF100R12RT4, BSM100GB120DN2K/DLCK	SKM100GB12T4/12V/ 123D/124D/128D
ECM150GB12T4	1200	150	2.30	0.25	G1	FF150R12RT4	SKM150GB12T4/12V, SKM145GB123D/128D
ECM100GB12ST4G	1200	100	2.30	0.29	G2S		SKM100GB12T4G
ECM150GB12ST4G	1200	150	2.30	0.23	G2S		SKM150GB12T4G/12VG/ 123D/128D
ECM200GB12ST4	1200	200	2.30	0.15	G2S		SKM200GB12T4/12V/ 123D/128D
ECM300GB12ST4	1200	300	2.30	0.11	G2S		SKM300GB12T4/12V/ 123D/128D
ECM400GB12ST4	1200	400	2.30	0.09	G2S		SKM400GB12T4/12V/ 123D/128D
ECM450GB12ST4	1200	450	2.30	0.07	G2S		SKM450GB12T4
ECM200GBD12ST4S	1200	200	2.30	0.15	G2S		SKM200GBD123D1S/126D1S
ECM200GBD12ST4	1200	200	2.30	0.15	G2S		SKM200GBD126D
ECM300GBD12ST4	1200	300	2.30	0.11	G2S		SKM300GBD12T4
ECM150GB12SE4G	1200	150	2.10	0.17	G2S		
ECM200GB12SE4	1200	200	2.10	0.14	G2S		SKM200GB12E4/124D/126D
ECM300GB12SE4	1200	300	2.10	0.09	G2S		SKM300GB12E4/124D/126D
ECM400GB12SE4	1200	400	2.10	0.08	G2S		SKM400GB12E4/124D/126D
ECM450GB12SE4	1200	450	2.10	0.07	G2S		SKM450GB12E4

Полумосты

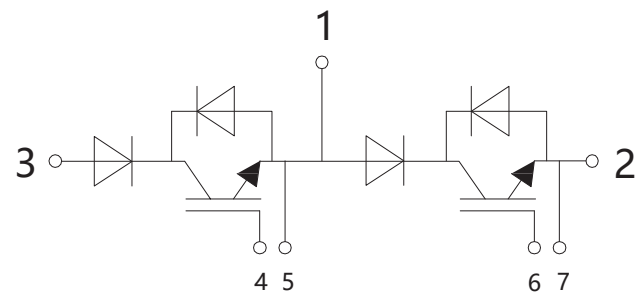
600-1700 В

Тип	V _{CES}	I _C	V _{CESat}	R _{thJC}	Чертеж/стр.	Соответствие другим производителям	
			T _{vj} =25°C	К/Вт			
	V	A	V	макс.		Infineon	SEMIKRON
ECM100GB12S4	1200	100	3.00	0.22	G1S		SKM100GB125DN
ECM150GB12SS4	1200	150	3.00	0.23	G2S		SKM200GB125D
ECM200GB12SS4	1200	200	3.00	0.15	G2S		SKM300GB125D
ECM300GB12SS4	1200	300	3.00	0.09	G2S		SKM400GB125D
ECM100GB12IT4G	1200	100	2.30	0.29	G2	BSM100GB120DN2	
ECM150GB12IT4G	1200	150	2.30	0.23	G2	FF150R12KT3G, BSM150GB120DN2	
ECM200GB12IT4	1200	200	2.30	0.15	G2	FF200R12KT3/KT4, BSM200GB120DN2	
ECM300GB12IT4	1200	300	2.30	0.11	G2	FF300R12KT3/KT4	
ECM400GB12IT4	1200	400	2.30	0.09	G2	FF400R12KT3	
ECM450GB12IT4	1200	450	2.30	0.07	G2	FF450R12KT4	
ECM100GB12IE4G	1200	100	2.10	0.21	G2	BSM100GB120DLC	
ECM150GB12IE4G	1200	150	2.10	0.17	G2	FF150R12KE3G, BSM150GB120DLC	
ECM200GB12IE4	1200	200	2.10	0.14	G2	FF200R12KE3/KE4, BSM200GB120DLC	
ECM300GB12IE4	1200	300	2.10	0.09	G2	FF300R12KE3/KE4, BSM300GB120DLC	
ECM400GB12IE4	1200	400	2.10	0.08	G2	FF400R12KE3	
ECM450GB12IE4	1200	450	2.10	0.07	G2	FF450R12KE4	
ECM100GB12IS4	1200	100	3.00	0.22	G2	FF100R12KS4	
ECM150GB12IS4	1200	150	3.00	0.23	G2	FF150R12KS4	
ECM200GB12IS4	1200	200	3.00	0.15	G2	FF200R12KS4	
ECM300GB12IS4	1200	300	3.00	0.09	G2	FF300R12KS4	
ECM225GB12ME4	1200	225	2.10	0.11	G6	FF225R12ME4/ME3	
ECM300GB12ME4	1200	300	2.10	0.09	G6	FF300R12ME4/ME3	
ECM450GB12ME4	1200	450	2.10	0.06	G6	FF450R12ME4/ME3	
ECM600GB12ME4	1200	600	2.10	0.05	G6	FF600R12ME4/ME3	
ECM50GB17E4	1700	50	2.30	0.22	G1	BSM50GB170DN2	SKM75GB176D/173D
ECM75GB17E4	1700	75	2.30	0.17	G1	BSM75GB170DN2	SKM75GB17E4, SKM100GB176D/173D
ECM100GB17E4	1700	100	2.30	0.14	G1		SKM100GB17E4, SKM145GB176D
ECM150GB17E4	1700	150	2.30	0.11	G1		SKM150GB17E4
ECM100GB17IE4	1700	100	2.30	0.16	G2	BSM100GB170DN2/DLC	
ECM150GB17IE4	1700	150	2.30	0.12	G2	FF150R17KE4, BSM150GB170DN2/DLC	
ECM200GB17IE4	1700	200	2.30	0.08	G2	FF200R17KE4/KE3, BSM200GB170DLC	
ECM300GB17IE4	1700	300	2.30	0.05	G2	FF300R17KE4/KE3	

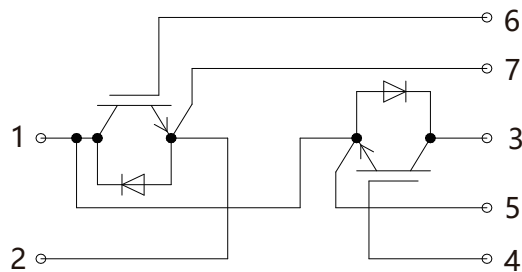
Полумосты

600-1700 В

Тип	V _{CES}	I _C	V _{CESat}	R _{thJC}	Чертеж/стр.	Соответствие другим производителям	
			T _{vj} =25°C	К/Вт			
	V	A	V	макс.		Infineon	SEMIKRON
ECM100GB17IE4	1700	100	2.30	0.16	G2	BSM100GB170DN2/DLC	
ECM150GB17IE4	1700	150	2.30	0.12	G2	FF300R06KE3, BSM300GB60DLC	
ECM200GB17IE4	1700	200	2.30	0.08	G2	FF400R06KE3/ FF400R07KE4	
ECM300GB17IE4	1700	300	2.30	0.05	G2	FF300R17KE4/KE3	
ECM100GB17SE4	1700	100	2.30	0.16	G2S		
ECM150GB17SE4	1700	150	2.30	0.12	G2S		
ECM200GB17SE4	1700	200	2.30	0.08	G2S		
ECM300GB17SE4	1700	300	2.30	0.05	G2S		
ECM225GB17ME4	1700	225	2.30	0.07	G6	FF225R17ME4/ME3	
ECM300GB17ME4	1700	300	2.30	0.04	G6	FF300R17ME4/ME3	
ECM450GB17ME4	1700	450	2.30	0.04	G6	FF450R17ME4/ME3	
ECM600GB17ME4	1700	600	2.30	0.03	G6	FF600R17ME4/ME3	



GBD



GB

Чопперы

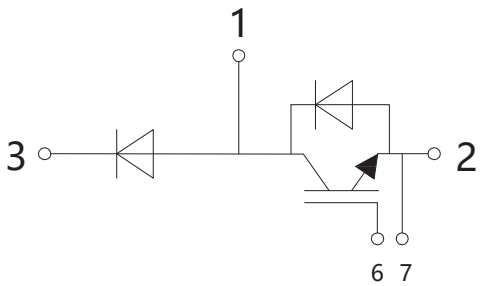
1200 В

Тип	V _{CES}	I _C	V _{CESat}	R _{thJC}	Чертеж/стр.	Соответствие другим производителям	
			T _{vj} =25°C	К/Вт			
	V	A	V	макс.		Infineon	SEMIKRON
ECM50GAL12T4	1200	50	2.30	0.46	G1	BSM50GAL120DN2	SKM50GAL12T4/123D
ECM75GAL12T4	1200	75	2.30	0.39	G1	BSM75GAL120DN2	SKM75GAL12T4/123D
ECM100GAL12T4	1200	100	2.30	0.31	G1	BSM100GAL120DLCK	SKM100GAL12T4/123D
ECM150GAL12T4	1200	150	2.30	0.25	G1	FD150R12RT4	SKM150GAL12T4/12V, SKM145GAL123D/128D
ECM50GAR12T4	1200	50	2.30	0.46	G1		SKM50GAR12T4
ECM75GAR12T4	1200	75	2.30	0.39	G1	BSM75GAR120DN2	SKM75GAR123D
ECM100GAR12T4	1200	100	2.30	0.31	G1		SKM100GAR123D
ECM150GAR12T4	1200	150	2.30	0.25	G1	DF150R12RT4	
ECM100GAL17E4	1700	100	2.30	0.14	G1		SKM100GAL17E4, SKM145GAL176D
ECM150GAL12ST4G	1200	150	2.30	0.23	G2S		SKM150GAL123D
ECM200GAL12ST4	1200	200	2.30	0.15	G2S		SKM200GAL12T4/123D
ECM300GAL12ST4	1200	300	2.30	0.11	G2S		SKM300GAL12T4/123D/128D
ECM400GAL12ST4	1200	400	2.30	0.09	G2S		SKM400GAL12T4/12V/128D
ECM150GAR12ST4G	1200	150	2.30	0.23	G2S		SKM150GAR123D
ECM200GAR12ST4	1200	200	2.30	0.15	G2S		SKM200GAR123D
ECM300GAR12ST4	1200	300	2.30	0.11	G2S		SKM300GAR123D
ECM400GAR12ST4	1200	400	2.30	0.09	G2S		SKM400GAR12T4/12V/128D
ECM200GAL12SE4	1200	200	2.10	0.14	G2S		SKM200GAL12E4/126D
ECM300GAL12SE4	1200	300	2.10	0.09	G2S		SKM300GAL12E4
ECM400GAL12SE4	1200	400	2.10	0.08	G2S		SKM400GAL12E4/124D/126D
ECM200GAR12SE4	1200	200	2.10	0.14	G2S		SKM200GAR12E4
ECM300GAR12SE4	1200	300	2.10	0.09	G2S		SKM300GAR12E4
ECM400GAR12SE4	1200	400	2.10	0.08	G2S		SKM400GAR12E4/124D
ECM150GAL12SS4	1200	150	3.00	0.23	G2S		SKM200GAL125D
ECM200GAL12SS4	1200	200	3.00	0.15	G2S		SKM300GAL125D
ECM300GAL12SS4	1200	300	3.00	0.09	G2S		SKM400GAL125D
ECM150GAR12SS4	1200	150	3.00	0.23	G2S		SKM200GAR125D
ECM200GAR12SS4	1200	200	3.00	0.15	G2S		SKM300GAR125D
ECM300GAR12SS4	1200	300	3.00	0.09	G2S		SKM400GAR125D

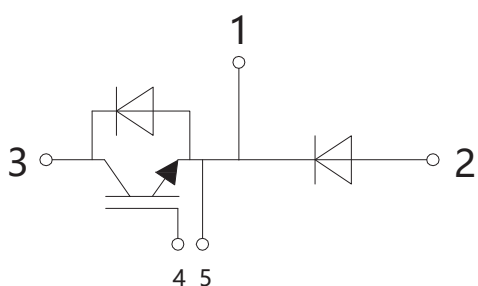
Чопперы

1200 В

Тип	V _{CES}	I _C	V _{CESat}	R _{thJC}	Чертеж/стр.	Соответствие другим производителям
			T _{vj} =25°C	К/Вт		
	V	A	V	макс.		
ECM100GAL12IT4G	1200	100	2.30	0.29	G2	BSM100GAL120DN2
ECM150GAL12IT4G	1200	150	2.30	0.23	G2	BSM150GAL120DN2
ECM200GAL12IT4	1200	200	2.30	0.15	G2	BSM200GAL120DN2
ECM300GAL12IT4	1200	300	2.30	0.11	G2	
ECM400GAL12IT4	1200	400	2.30	0.09	G2	
ECM100GAR12IT4G	1200	100	2.30	0.29	G2	BSM100GAR120DN2
ECM150GAR12IT4G	1200	150	2.30	0.23	G2	BSM150GAR120DN2
ECM200GAR12IT4	1200	200	2.30	0.15	G2	BSM200GAR120DN2
ECM150GAL12IE4G	1200	150	2.10	0.17	G2	BSM150GAL120DLC
ECM200GAL12IE4	1200	200	2.10	0.14	G2	BSM200GAL120DLC/FD200R12KE3
ECM300GAL12IE4	1200	300	2.10	0.09	G2	BSM300GAL120DLC/FD300R12KE3
ECM400GAL12IE4	1200	400	2.10	0.08	G2	FD400R12KE3
ECM200GAR12IE4	1200	200	2.10	0.14	G2	DF200R12KE3
ECM300GAR12IE4	1200	300	2.10	0.09	G2	BSM300GAR120DLC/DF300R12KE3
ECM400GAR12IE4	1200	400	2.10	0.08	G2	DF400R12KE3
ECM200GAL12IS4	1200	200	3.00	0.15	G2	
ECM300GAL12IS4	1200	300	3.00	0.09	G2	FD300R12KS4
ECM200GAR12IS4	1200	200	3.00	0.15	G2	
ECM300GAR12IS4	1200	300	3.00	0.09	G2	DF300R12KS4



GAL

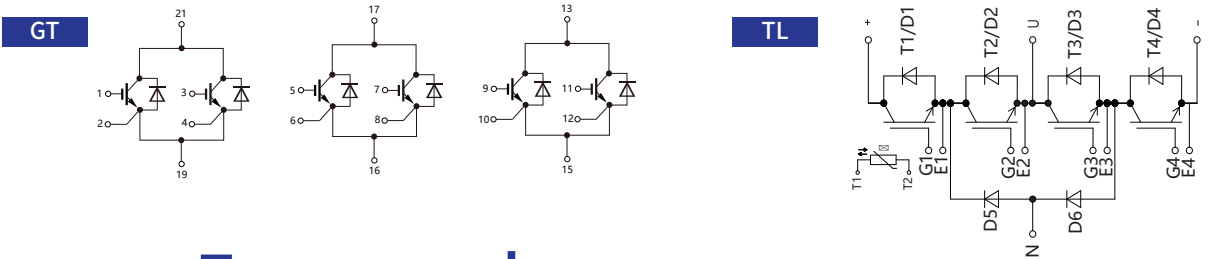


GAR

3-уровневые модули

650-1200 В

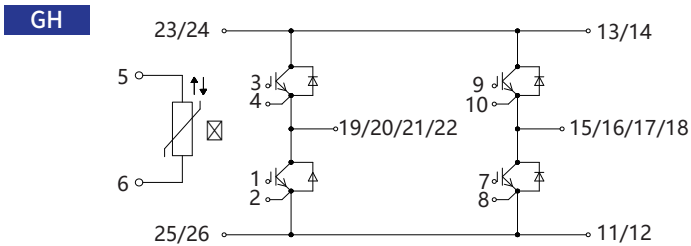
Тип	V _{CES}	I _C	V _{CESat}	R _{thJC}	Чертеж/стр.	Соответствие другим производителям
			T _{vj} =25°C	К/Вт		
	V	A	V	макс.		
ECM75TL07W2E3	650	75	1.80	0.55	E2	
ECM100TL07W2E3	650	100	1.80	0.50	E2	
ECM150TL07W2E3	650	150	1.80	0.45	E2	
ECM50GX120D2	1200	50	3.20	0.32	G7	BSM50GX120D2
ECM50GX120S2	1200	50	3.20	0.32	G7	3MBI50SX120
ECM150GT120D2	1200	150	3.20	0.08	G9	BSM150GT120DN2/DLC
ECM150GT120S2	1200	150	3.20	0.08	G9	3MBI150SX120



Модули Fourpack

650V~1200VCES

Тип	V _{CES}	I _C	V _{CESat}	R _{thJC}	Чертеж/стр.	Соответствие другим производителям
			T _{vj} =25°C	К/Вт		
	V	A	V	макс.		
ECM50GH07W1H3	650	50	1.80	0.60	E1	F4-50R07W1H3_B11A
ECM75GH07W1H3	650	75	1.80	0.45	E1	F4-75R07W1H3_B11A
ECM50GH12IS4	1200	50	3.00	0.44	G4	F4-50R12KS4
ECM75GH12IS4	1200	75	3.00	0.34	G4	F4-75R12KS4
ECM100GH12IS4	1200	100	3.00	0.29	G5	F4-100R12KS4
ECM150GH12IS4	1200	150	3.00	0.19	G5	F4-150R12KS4



Модули Sixpack (3 полумоста)

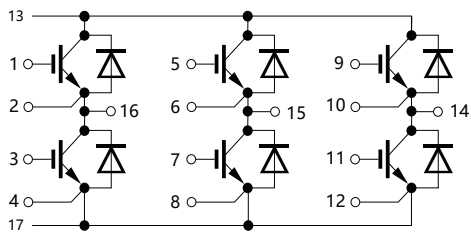
650-1200 В

Тип	V _{CES}	I _C	V _{CESat}	R _{thJC}	Чертеж/стр.	Соответствие другим производителям
			T _{vj} =25°C	К/Вт		
	V	A	V	макс.		
ECM15GD120D2	1200	15	2.10	0.80	G7	BSM15GD120DN2/DLC-E3224 (短针)
ECM15GD120D2-E3226	1200	15	2.10	0.80	G8	BSM15GD120DN2 (长针)
ECM15GD120S2	1200	15	2.10	0.80	G7	6MBI15S-120,MG15Q6ES50/51 (短针)
ECM15GD120S2-E3226	1200	15	2.10	0.80	G8	MG15Q6ES50A/51A (长针)
ECM25GD120D2	1200	25	2.10	0.80	G7	BSM25GD120DN2/DLC-E3224 (短针)
ECM25GD120D2-E3226	1200	25	2.10	0.80	G8	BSM25GD120DN2 (长针)
ECM25GD120S2	1200	25	2.10	0.80	G7	6MBI25S-120,MG25Q6ES50/51 (短针)
ECM25GD120S2-E3226	1200	25	2.10	0.80	G8	MG25Q6ES50A/51A (长针)
ECM35GD120D2	1200	35	2.10	0.70	G7	BSM35GD120DN2/DLC-E3224 (短针)
ECM35GD120D2-E3226	1200	35	2.10	0.70	G8	BSM35GD120DN2 (长针)
ECM35GD120S2	1200	35	2.10	0.70	G7	6MBI35S-120 (短针)
ECM50GD120D2	1200	50	3.20	0.32	G7	BSM50GD120DN2/DLC (短针)
ECM50GD120D2-E3226	1200	50	3.20	0.32	G8	BSM50GD120DN2-E3226 (长针)
ECM50GD120S2	1200	50	3.20	0.32	G7	6MBI50S-120,MG50Q6ES50/51 (短针)
ECM50GD120S2-E3226	1200	50	3.20	0.32	G8	MG50Q6ES50A/51A (长针)
ECM75GD120D2	1200	75	3.20	0.18	G9	BSM75GD120DN2/DLC, BSM50GD120DN2G
ECM75GD120S2	1200	75	3.20	0.18	G9	6MBI75S-120
ECM100GD120D2	1200	100	3.20	0.12	G9	BSM100GD120DN2/DLC
ECM100GD120S2	1200	100	3.20	0.12	G9	6MBI100S-120
ECM25GD12YT3	1200	25	1.90	0.74	E3	FS25R12YT3
ECM35GD12YT3	1200	35	1.90	0.66	E3	FS35R12YT3
ECM25GD12W1T4	1200	25	1.90	0.74	E1	FS25R12W1T4
ECM35GD12W1T4	1200	35	1.90	0.66	E1	FS35R12W1T4
ECM50GD12W2T4	1200	50	1.90	0.45	E2	FS50R12W2T4
ECM75GD12W2T4	1200	75	1.90	0.40	E2	FS75R12W2T4
ECM50GD07E4	650	50	1.70	0.59	G4	FS50R06KE3
ECM75GD07E4	650	75	1.70	0.47	G4	FS75R06KE3,FS75R07N3E4
ECM100GD07E4	650	100	1.70	0.36	G4	FS100R07N3E4
ECM150GD07E4	650	150	1.70	0.27	G5	FS150R06KE3,FS150R07N3E4
ECM200GD07E4	650	200	1.70	0.21	G5	FS200R06KE3,FS200R07N3E4R

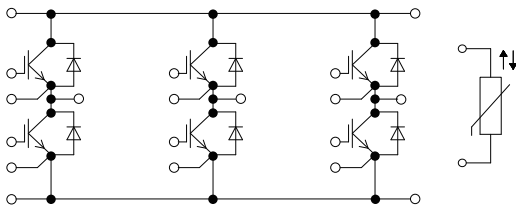
Модули Sixpack (3 полумоста)

650-1200 В

Тип	V _{CES}	I _C	V _{CESat}	R _{thJC}	Чертеж/стр.	Соответствие другим производителям
			T _{vj} =25°C	К/Вт		
	V	A	V	макс.		
ECM25GD12T3	1200	25	1.90	1.90	G4	FS25R12KT3/FS25R12KE3G
ECM35GD12T3	1200	35	1.90	1.90	G4	FS35R12KT3/FS35R12KE3G
ECM50GD12T3	1200	50	1.90	1.90	G4	FS50R12KT3/FS50R12KE3
ECM75GD12T3	1200	75	1.90	1.90	G4	FS75R12KT3/FS75R12KE3
ECM75GD12T3G	1200	75	2.10	2.10	G5	FS75R12KT3G/FS75R12KE3G
ECM100GD12T3	1200	100	2.10	2.10	G5	FS100R12KT3/FS100R12KE3
ECM150GD12T3	1200	150	2.10	2.10	G5	FS150R12KT3/FS150R12KE3
ECM75GD12T4G	1200	75	1.90	1.90	G5	
ECM100GD12T4	1200	100	1.90	1.90	G5	FS100R12KT4G
ECM150GD12T4	1200	150	1.90	1.90	G5	FS150R12KT4
ECM150GD12T4_B9	1200	150	1.90	1.90	G5	FS150R12KT4_B9
ECM200GD12T4	1200	200	1.90	1.90	G5	FS150R12KT4



G7~G8~G9

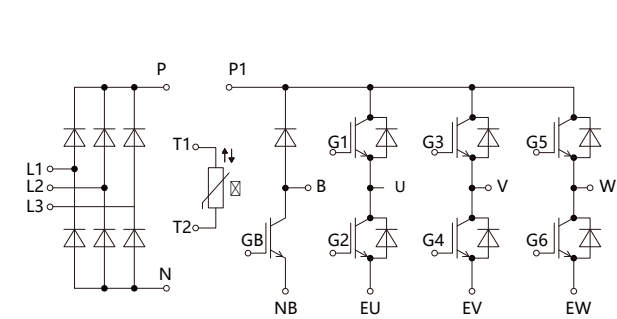


GD

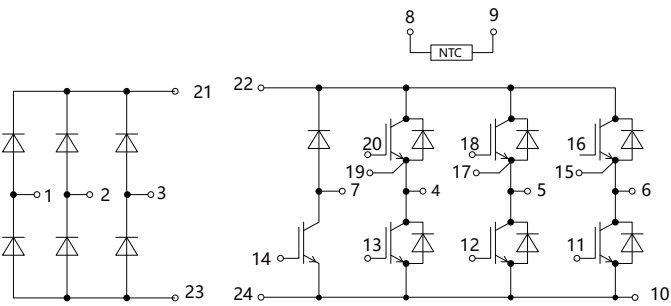
Модули PIM

650-1200 В

Тип	V _{CES}	I _C	V _{CESat}	R _{thJC}	Чертеж/стр.	Соответствие другим производителям
	V	A	V Tvj=25°C	К/Вт макс.		
ECM30GP06W1E3	650	30	1.70	0.62	E1	FP30R06W1E3
ECM50GP06W2E3	650	50	1.70	0.52	E2	FP50R06W2E3
ECM10GP12W1T4	1200	10	1.90	1.40	E1	FP10R12W1T4
ECM15GP12W1T4	1200	15	1.90	1.15	E1	FP15R12W1T4
ECM25GP12W2T4	1200	25	1.90	0.85	E2	FP25R12W1T4
ECM35GP12W2T4	1200	35	1.90	0.70	E2	FP35R12W1T4
ECM10GP12YT3	1200	10	1.90	1.40	E3	FP10R12YT3
ECM15GP12YT3	1200	15	1.90	1.15	E3	FP15R12YT3
ECM15GP12T3	1200	15	1.90	1.20	G4	FP15R12KT3/KE3G, BSM15GP120
ECM25GP12T3	1200	25	1.90	0.80	G4	FP25R12KT3/KE3, BSM25GP120
ECM40GP12T3	1200	40	1.90	0.60	G4	FP40R12KT3/KE3, BSM35GP120
ECM40GP12T3G	1200	40	1.90	0.60	G5	FP40R12KT3G/KE3G, BSM35GP120G
ECM50GP12T3	1200	50	1.90	0.45	G5	FP50R12KT3/KE3
ECM75GP12T3	1200	75	1.90	0.35	G5	FP75R12KT3/KE3
ECM25GP12T4	1200	25	1.90	0.80	G4	FP25R12KT4
ECM35GP12T4	1200	35	1.90	0.72	G4	FP35R12KT4
ECM50GP12T4	1200	50	1.90	0.54	G4	FP50R12KT4
ECM50GP12T4G	1200	50	1.90	0.54	G5	FP50R12KT4G
ECM75GP12T4	1200	75	1.90	0.35	G5	FP75R12KT4
ECM100GP12T4	1200	100	1.90	0.29	G5	FP100R12KT4
ECM150GP12T4	1200	150	1.90	0.18	G5	FP150R12KT4

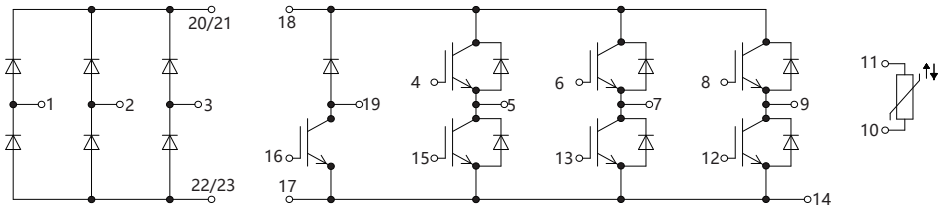


E1~E2 GP

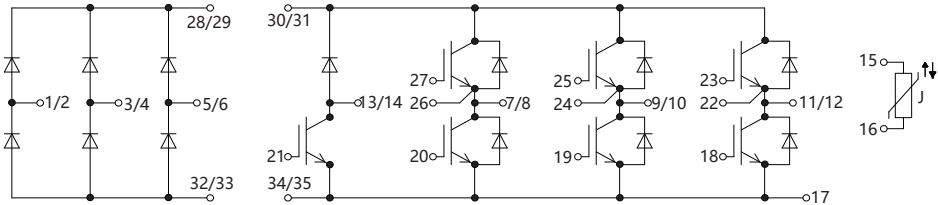


G4 GP~T3

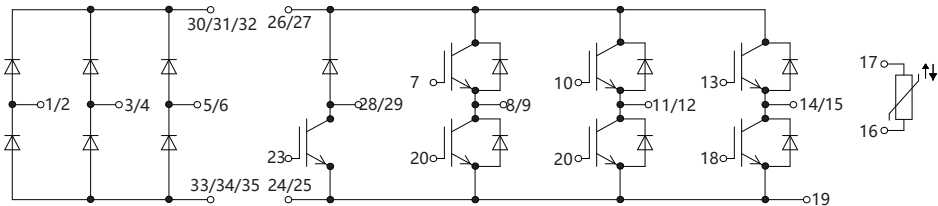
G4 GP~T4



G5 GP~T3

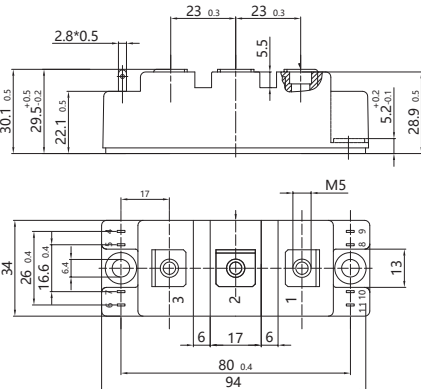


G5 GP~T4

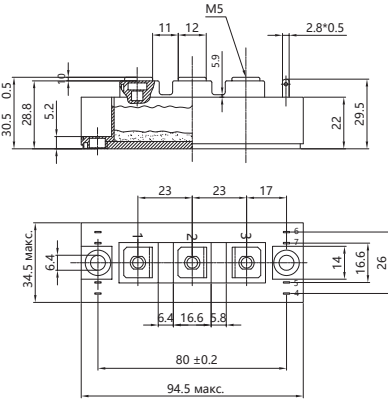


Габаритно-монтажные чертежи

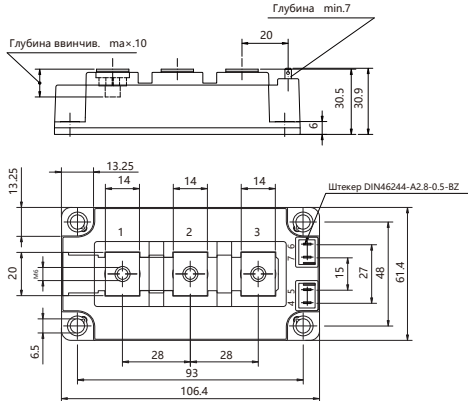
G1



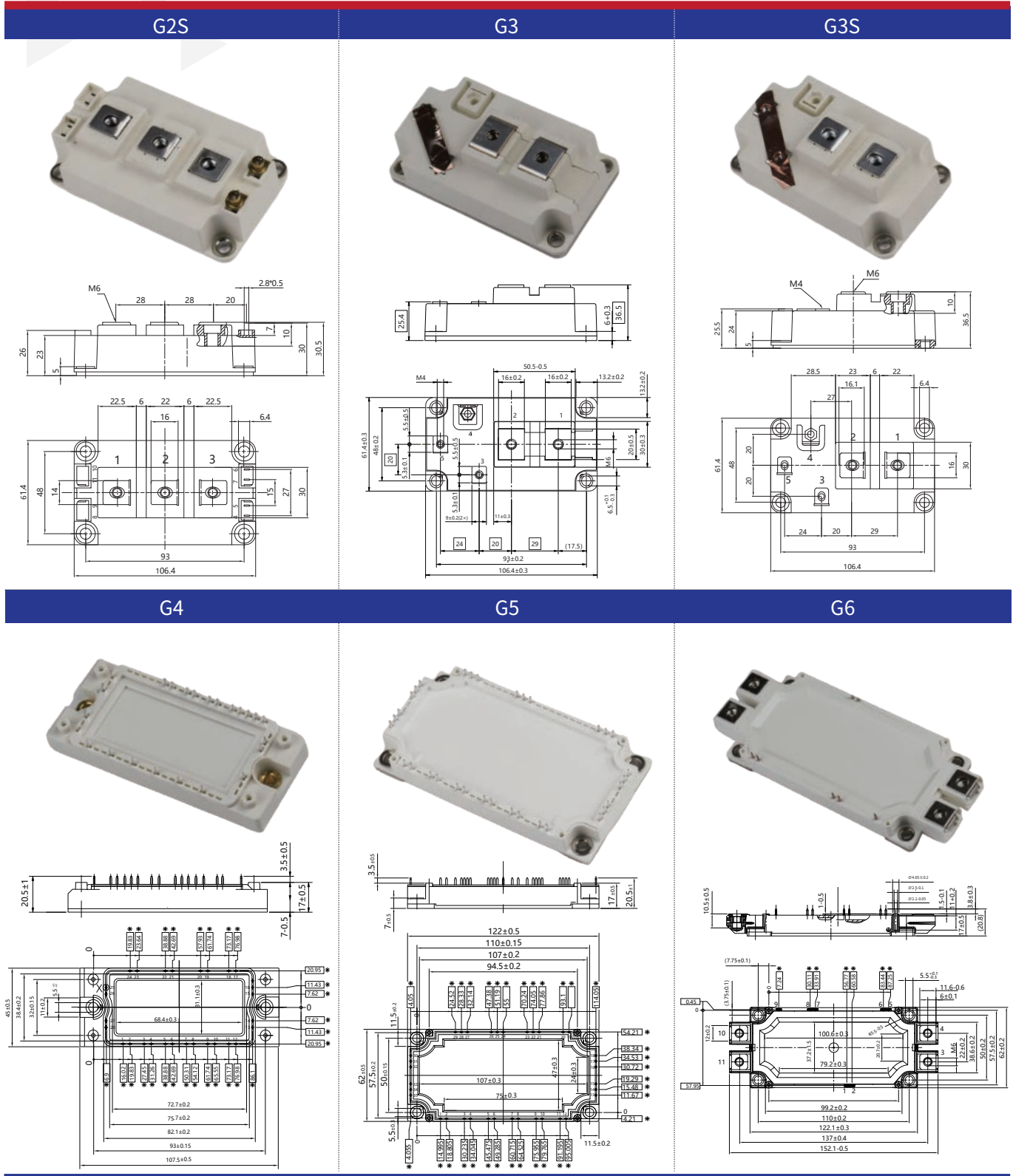
G1S



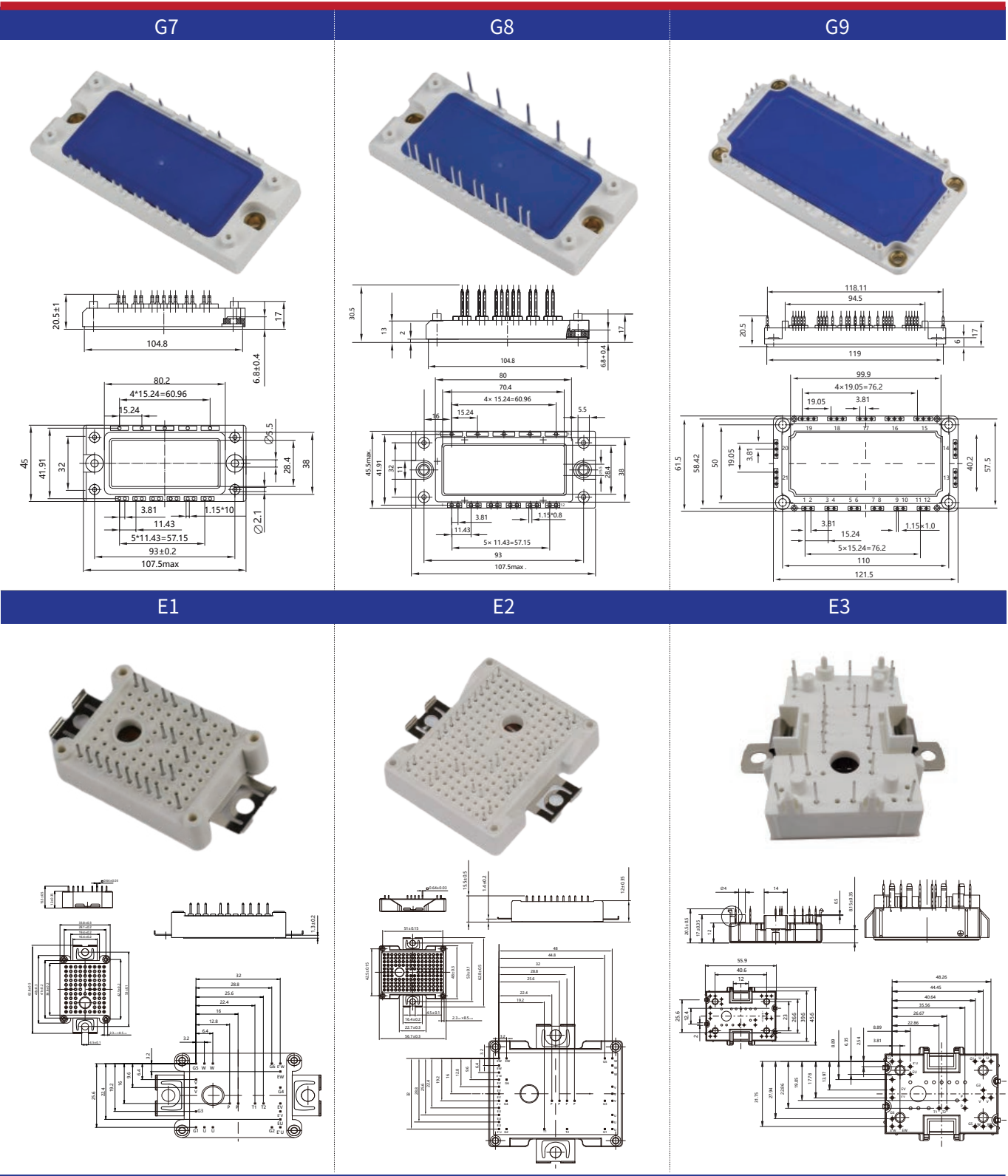
G2



Габаритно-монтажные чертежи



Габаритно-монтажные чертежи



Модули SCR

Описание

Высококачественные полупроводниковые переключающие компоненты в различных исполнениях, включая модули общего назначения, двунаправленные, переключаемые, быстродействующие и управляемые светом.

Конструктивные исполнения: с винтовыми выводами, с металлическим корпусом и с пластиковым герметичным корпусом.

Модуль включает три электрода: анод А, катод К и управляющий электрод G. Винтовой вывод является анодом, более толстый контакт на другом конце — катодом, а тонкий контакт — управляющим электродом.

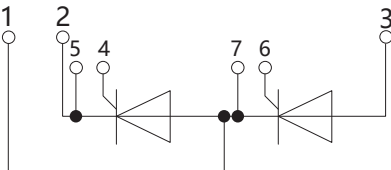
При монтаже анод плотно вкручивается в радиатор, — такая конструкция обычно используется для рассеивания тепла в линиях малой и средней мощности.

Катод, анод и управляющий электрод смонтированного тиристорного модуля расположены последовательно. Винты вкручиваются через отверстия в теплоотводе (аноде) трубки и внешнем теплоотводе.

Такая конфигурация используется для рассеивания тепла в схемах малой мощности. Указанные теплоотводы находятся под электрическим напряжением и должны быть изолированы от корпуса приборного щита.

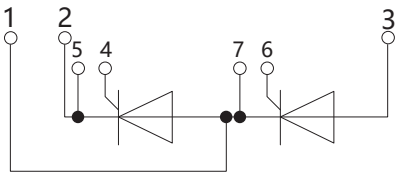


Модули с двумя тиристорами



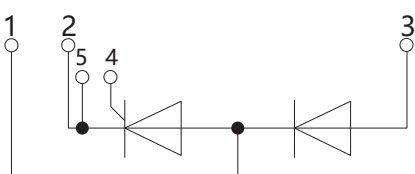
Тип	V _{DRM} V _{RRM}	I _{TAV} I _{FAV}	T _C	I _{TSM} I _{FSM}	V(T ₀)	Исполнение	Соответствие другим производителям	
		при T _C		при 10 мс, T _{vj max}	при T _{vj max}			
	V	A	°C	A	V	Чертеж		IXYS / Infineon Vishay / IR
ECKT27STA08~18B	800~1800	25	85	480	0.90	STA	SKKT27B08-16E	
ECKT27STA08~18	800~1800	25	85	480	0.90	STA	SKKT27/08-16E	
ECKT27XTA08~18	800~1800	25	85	480	0.90	XTA		MCC26-08-16IO1B
ECKT27VTA08~18	800~1800	25	85	480	0.90	VTA		VSKT26 / IRKT26
ECKT27RTA08~18	800~1800	25	85	480	0.90	RTA	PK25FG160	
ECKT42STA08~18B	800~1800	40	85	850	1.00	STA	SKKT42B08-18E	
ECKT42STA08~18	800~1800	40	85	850	1.00	STA	SKKT42/08-18E	
ECKT42XTA08~18	800~1800	40	85	850	1.00	XTA		MCC44-08-18IO1B
ECKT42VTA08~18	800~1800	40	85	850	1.00	VTA		VSKT41/IRKT41
ECKT42RTA08~18	800~1800	40	85	850	1.00	RTA	PK40FG160	
ECKT56STA08~22	800~2200	55	85	1250	0.90	STA	SKKT56/08-22E	SKKT71/08-22E
ECKT56XTA08~22	800~2200	55	85	1250	0.90	STA		MCC56-08-18IO8B
ECKT57STA08~22B	800~2200	55	85	1250	0.90	STA	SKKT57B08-22E	
ECKT57STA08~22	800~2200	55	85	1250	0.90	STA	SKKT57/08-22E	
ECKT57XTA08~22	800~2200	55	85	1250	0.90	XTA		MCC56-08-18IO1B
ECKT57VTA08~22	800~2200	55	85	1250	0.90	VTA		VSKT56 / IRKT56
ECKT57RTA08~22	800~2200	55	85	1250	0.90	RTA	PK55FG160	
ECKT72STA08~22B	800~2200	70	85	1450	0.90	STA	SKKT72B08-22E	
ECKT72STA08~22	800~2200	70	85	1450	0.90	STA	SKKT72/08-22E	
ECKT72XTA08~22	800~2200	70	85	1450	0.90	XTA		MCC72-08-18IO1B
ECKT72VTA08~22	800~2200	70	85	1450	0.90	VTA		VSKT71 / IRKT71
ECKT72RTA08~22	800~2200	70	85	1450	0.90	RTA	PK70FG160	
ECKT92STA08~18B	800~1800	95	85	1750	0.90	STA	SKKT92B08-18E	
ECKT92STA08~18	800~1800	95	85	1750	0.90	STA	SKKT92/08-18E	
ECKT92VTA08~18	800~1800	95	85	1750	0.90	VTA		VSKT91 / IRKT91
ECKT92RTA08~18	800~1800	95	85	1750	0.90	RTA	PK90FG160	
ECKT94XTA20~24	800~2400	104	85	1700	0.90	XTA		MCC94-20/24IO1B
ECKT105STA08~18	800~1800	110	85	1900	0.90	STA	SKKT105/08-18E	SKKT91/08-18E
ECKT105XTA08~18	800~1800	110	85	1900	0.90	STA		MCC95-08-18IO8B
ECKT106STA08~18B	800~1800	110	85	1900	0.90	STA	SKKT106B08-18E	
ECKT106MTA08~18B	800~1800	110	85	1900	0.90	MTA		MMK110A160B6B

Модули с двумя тиристорами



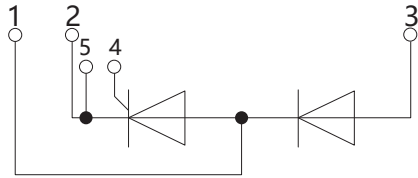
Тип	V _{DRM} V _{RRM}	I _{TAV} I _{FAV}	T _C	I _{TSM} I _{FSM}	V(T ₀)	Исполнение	Соответствие другим производителям		
		при T _C		при 10 мс, T _{vj} max	при T _{vj} max				
	V	A	°C	A	V	Чертеж	SEMIKORN / SanRex	IXYS / Infineon	Vishay / IR
ECKT106STA08~18	800~1800	110	85	1900	0.90	STA	SKKT106/08-18E		
ECKT106XTA08~18	800~1800	110	85	1900	0.90	XTA		MCC95-08-18IO1B	
ECKT106VTA08~18	800~1800	110	85	1900	0.90	VTA		VSKT105 / IRKT105	
ECKT106RTA08~18	800~1800	110	85	1900	0.90	RTA	PK110FG160		
ECKT106MTA08~18	800~1800	110	85	1900	0.90	MTA		MMK110A160B	
ECKT132STB08~22	800~2200	130	85	4000	1.00	STB	SKKT132/08~22E		
ECKT132XTB08~22	800~2200	130	85	4000	1.00	XTB		MCC132-08~18IO1	
ECKT162STB08~22	800~2200	160	85	5000	0.85	STB	SKKT162/08~22E		
ECKT162XTB08~22	800~2200	160	85	5000	0.85	XTB		MCC162-08~18IO1	
ECKT162VTB08~22	800~2200	160	85	5000	0.85	VTB		VSKT162 / IRKT162	
ECKT162RTB08~22	800~2200	160	85	5000	0.85	RTB	PK160FG80/160		
ECKT162ITB08~22	800~2200	160	85	5000	0.85	ITB		TT162N12~18KOF	
ECKT200STB08~18	800~2200	200	85	6000	0.85	STB	SKKT215/08~18E		
ECKT200XTB12~18	1200~2200	200	85	6000	0.85	XTB		MCC200-12~18IO1	
ECKT200RTB12~18	1200~2200	200	85	6000	0.85	RTB	PK200FG80/160		
ECKT210STD12~26	1200~2600	210	85	5800	0.80	STD	SKKT210/12~22E		
ECKT210ITD12~26	1200~2600	210	85	5800	0.80	ITD		TT215N18~22KOF	
ECKT224XTD20~24	2000~2400	240	85	8000	0.80	XTD		MCC224-20~24IO1	
ECKT240ITE28~38	2800~3800	240	85	5500	1.17	ITE		TT240N28~38KOF	
ECKT250RTC12~18	1200~1800	250	85	6500	0.80	RTC	PK250HB80/160		
ECKT250STD12~22	1200~2200	250	85	7000	0.92	STD	SKKT250/08~18E		
ECKT250ITD12~22	1200~2200	250	85	7000	0.92	ITD		TT250N12~22KOF	
ECKT273STC12~18	1200~1800	280	85	8000	0.80	STC	SKKT273/08~18E		
ECKT280STD20~22	2000~2200	280	85	7500	0.80	STD	SKKT280/20~22E		
ECKT310XTC08~18	800~1800	320	85	9200	0.80	XTC		MCC310-08~18IO1	
ECKT310ITE20~26	2000~2600	310	85	9000	1.00	ITE		TT310N20~26KOF	
ECKT312XTD12~18	1200~1800	320	85	9200	0.80	XTD		MCC312-12~18IO1	
ECKT323STC12~18	1200~1800	320	85	9200	0.80	STC	SKKT323/08~18E		
ECKT330STD12~18	1200~1800	330	85	10000	0.80	STD	SKKT330/08~18E		
ECKT330ITD12~18	1200~1800	330	85	10000	0.80	ITD		TT330N12~18KOF	
ECKT400ITE20~26	2000~2600	400	85	11000	1.00	ITE		TT400N20~26KOF	
ECKT460STE12~22	1200~2200	460	85	12000	0.88	STE	SKKT460/16~22E		
ECKT460ITE12~22	1200~2200	460	85	12000	0.88	ITE		TT430N22KOF	
ECKT501XTE12~22	1200~2200	500	85	14000	0.80	XTE		MCC501-12~22IO1 VSKT/IRKT500	
ECKT570STE12~22	1200~2200	570	85	14000	0.78	STE	SKKT570/12~18E		
ECKT570ITE12~22	1200~2200	570	85	14000	0.78	ITE		TT570N16KOF	

Модули с двумя тиристорами



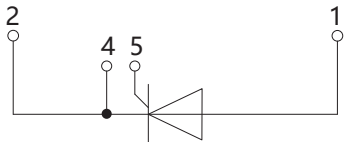
Тип	V _{DRM} V _{RRM}	I _{TAV} I _{FAV}	T _C	I _{TSM} I _{FSM}	V(T ₀)	Исполнение	Соответствие другим производителям		
		при T _C		при 10 мс, T _{vj} max	при T _{vj} max				
	V	A	°C	A	V	Чертеж	SEMIKORN / SanRex	IXYS / Infineon	Vishay / IR
ECKH27STA08~18	800~1600	25	85	480	0.90	STA	SKKH27/08-16E		
ECKH27XTA08~18	800~1600	25	85	480	0.90	XTA		MCD26-08-16IO1B	
ECKH27VTA08~18	800~1600	25	85	480	0.90	VTA		VSKH26/IRKH26	
ECKH27RTA08~18	800~1600	25	85	480	0.90	RTA	PD25FG160		
ECKH42STA08~18	800~1800	40	85	850	1.00	STA	SKKH42/08-18E		
ECKH42XTA08~18	800~1800	40	85	850	1.00	XTA		MCD44-08-18IO1B	
ECKH42VTA08~18	800~1800	40	85	850	1.00	VTA		VSKH41/IRKH41	
ECKH42RTA08~18	800~1800	40	85	850	1.00	RTA	PD40FG160		
ECKH56XTA08~22	800~2200	55	85	1250	0.90	XTA		MCD56-08-18IO8B	
ECKH57STA08~22	800~2200	55	85	1250	0.90	STA	SKKH57/08-22E		
ECKH57XTA08~22	800~2200	55	85	1250	0.90	XTA		MCD56-08-18IO1B	
ECKH57VTA08~22	800~2200	55	85	1250	0.90	VTA		VSKH56/IRKH56	
ECKH57RTA08~22	800~2200	55	85	1250	0.90	RTA	PD55FG160		
ECKH72STA08~22	800~2200	70	85	1450	0.90	STA	SKKH72/08-22E		
ECKH72XTA08~22	800~2200	70	85	1450	0.90	XTA		MCD72-08-18IO1B	
ECKH72VTA08~22	800~2200	70	85	1450	0.90	VTA		VSKH71/IRKH71	
ECKH72RTA08~22	800~2200	70	85	1450	0.90	RTA	PD70FG160		
ECKH92STA08~18	800~1800	95	85	1750	0.90	STA	SKKH92/08-18E		
ECKH92VTA08~18	800~1800	95	85	1750	0.90	VTA		VSKH91/IRKH91	
ECKH92RTA08~18	800~1800	95	85	1750	0.90	RTA	PD90FG160		
ECKH94XTA20~24	800~2400	104	85	1700	0.90	XTA		MCD94-20/24IO1B	
ECKH105XTA08~18	800~1800	110	85	1900	0.90	STA		MCC95-16IO8B	
ECKH106STA08~18	800~1800	110	85	1900	0.90	STA	SKKH106/08-18E		
ECKH106XTA08~18	800~1800	110	85	1900	0.90	XTA		MCD95-08-18IO1B	
ECKH106VTA08~18	800~1800	110	85	1900	0.90	VTA		VSKH105/IRKH105	
ECKH106RTA08~18	800~1800	110	85	1900	0.90	RTA	PD110FG160		
ECKH132STB08~22	800~2200	130	85	4000	1.00	STB	SKKH132/08~22E		
ECKH132XTB08~22	800~2200	130	85	4000	1.00	XTB		MCD132-08~18IO1	
ECKH162STB08~22	800~2200	160	85	5000	0.85	STB	SKKH162/08~22E		
ECKH162XTB08~22	800~2200	160	85	5000	0.85	XTB		MCD162-08~18IO1	
ECKH162VTB08~22	800~2200	160	85	5000	0.85	VTB		VSKH162/IRKH162	

Диодно-тиристорные модули



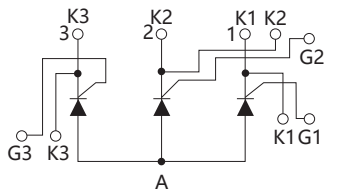
Тип	V _{DRM} V _{RRM}	I _{TAV} I _{FAV}	T _C	I _{TSM} I _{FSM}	V(T ₀)	Исполнение	Соответствие другим производителям	
		при T _C		при 10 мс, T _{vj max}	при T _{vj max}			
	V	A	°C	A	V	Чертеж	SEMIKORN / SanRex	IXYS / Infineon Vishay / IR
ЕСKH162RTB08~22	800~2200	160	85	5000	0.85	RTB	PD160FG80/160	
ЕСKH162ITB08~22	800~2200	160	85	4400	0.85	ITB		TD162N12~18KOF
ЕСKH200STB08~18	800~2200	200	85	6000	0.85	STB	SKKH215/16E	
ЕСKH200XTB12~18	1200~2200	200	85	6000	0.85	XTB		MCD200-12~18IO1
ЕСKH200RTB12~18	1200~2200	200	85	6000	0.85	RTB	PD200FG80/160	
ЕСKH210STD12~26	1200~2600	210	85	5800	0.80	STD	SKKH210/12~22E	
ЕСKH210ITD12~26	1200~2600	210	85	5800	0.80	ITD		TD215N18~22KOF
ЕСKH224XTD20~24	2000~2400	240	85	8000	0.80	XTD		MCD224-20~24IO1
ЕСKH240ITE28~38	2800~3800	240	85	5500	1.17	ITE		TD240N28~38KOF
ЕСKH250RTC12~18	1200~1800	250	85	6500	0.80	RTC	PD250HB80/160	
ЕСKH250STD12~22	1200~2200	250	85	7000	0.92	STD	SKKH250/08~18E	
ЕСKH250ITD12~22	1200~2200	250	85	7000	0.92	ITD		TD250N12~22KOF
ЕСKH273STC12~18	1200~1800	280	85	8000	0.80	STC	SKKH273/08~18E	
ЕСKH280STD20~22	2000~2200	280	85	7500	0.80	STD	SKKH280/20~22E	
ЕСKH310XTC08~18	800~1800	320	85	9200	0.80	XTC		MCD310-08~18IO1
ЕСKH310ITE20~26	2000~2600	310	85	9000	1.00	ITE		TD310N20~26KOF
ЕСKH312XTD12~18	1200~1800	320	85	9200	0.80	XTD		MCD312-12~18IO1
ЕСKH323STC12~18	1200~1800	320	85	9200	0.80	STC	SKKH323/08~18E	
ЕСKH330STD12~18	1200~1800	330	85	10000	0.80	STD	SKKH330/08~18E	
ЕСKH330ITD12~18	1200~1800	330	85	10000	0.80	ITD		TD330N12~18KOF
ЕСKH400ITE20~26	2000~2600	400	85	11000	1.00	ITE		TD400N20~26KOF
ЕСKH460STE12~22	1200~2200	460	85	12000	0.88	STE	SKKH460/16~22E	
ЕСKH460ITE12~22	1200~2200	460	85	12000	0.88	ITE		TD430N22KOF
ЕСKH501XTE12~22	1200~2200	500	85	14000	0.80	XTE		MCD501-12~22IO1 VSKH/IRKH500
ЕСKH570STE12~22	1200~2200	570	85	14000	0.78	STE	SKKH570/12~18E	
ЕСKH570ITE12~22	1200~2200	570	85	14000	0.78	ITE		TD570N16KOF

Модули с одним тиристором



Тип	V _{DRM} V _{RRM}	I _{TAV} I _{FAV}	T _C	I _{TSM} I _{FSM}	V(T ₀)	Исполнение	Соответствие другим производителям	
		при T _C		при 10 мс, T _{vj max}	при T _{vj max}			
	V	A	°C	A	V	Чертеж	SEMIKORN	IXYS / Infineon
ECET240ITF28~36	2800~3600	240	85	5500	1.17	ITF		TZ240N28~36KOF
ECET400STF08~18	800~1800	400	85	11000	1.00	STF	SKET400/08~18E	
ECET400ITF16~26	1600~2600	400	85	11000	1.00	ITF		TZ400N18~26KOF
ECET450XTF12~22	1200~2200	450	85	12000	0.95	XTF	MCO450-20~22IO1	
ECET450ITF12~22	1200~2200	450	85	12000	0.95	ITF		TZ430N22KOF
ECET500XTF12~18	1200~1800	500	85	14500	0.90	XTF	MCO500-12~18IO1	
ECET500ITF12~18	1200~1800	500	85	14500	0.90	ITF		TZ500N18KOF
ECET600XTF12~22	1200~2200	600	85	15000	0.81	XTF	MCO600-16~22IO1	
ECET600ITF12~22	1200~2200	600	85	15000	0.81	ITF		TZ600N16KOF
ECET530ITG30~36	3000~3600	530	85	20000	1.05	ITG		TZ530N36KOF
ECKT630ITG22~28	2200~2800	630	85	23000	0.95	ITG		TZ630N28KOF
ECKT740ITG18~22	1800~2200	740	85	26500	0.82	ITG	MCO740-20~22IO1	TZ740N22KOF
ECKT800ITG12~18	1200~1800	800	85	30000	0.82	ITG	MCO801-16~18IO1	TZ800N18KOF

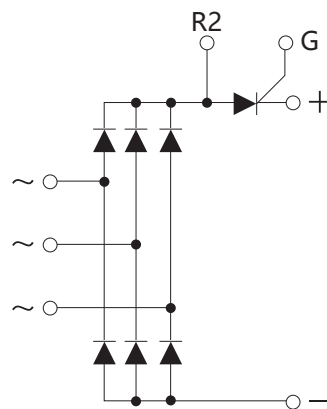
3-фазный тиристорный модуль



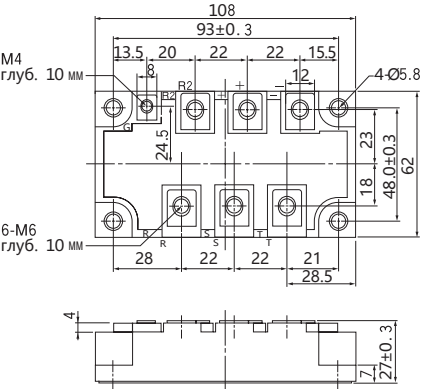
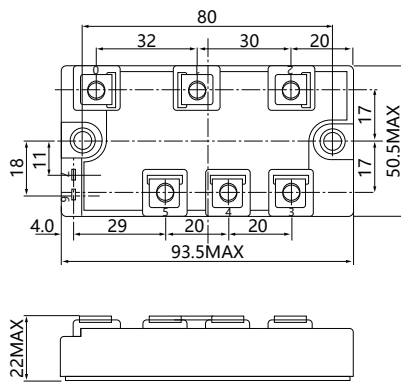
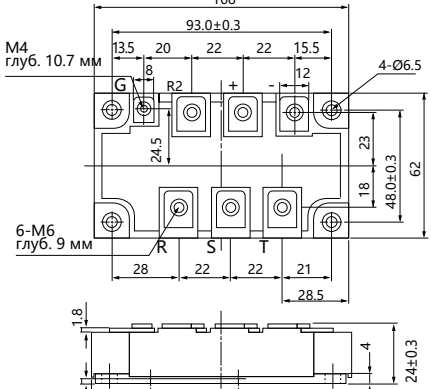
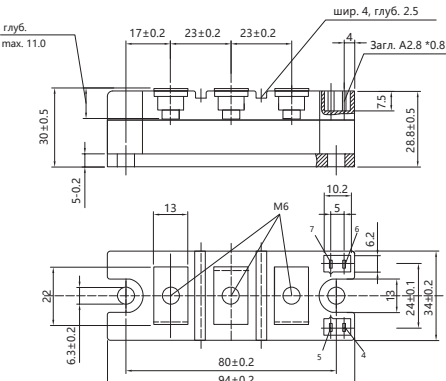
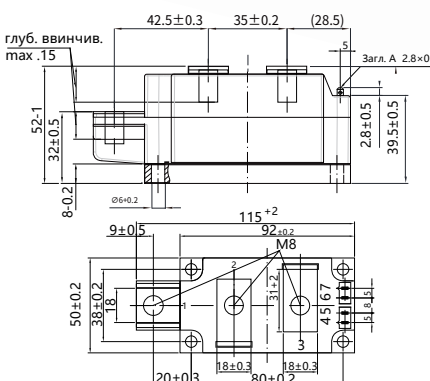
Тип	V _{DRM} V _{RRM}	I _{TAV} I _{FAV}	T _C	I _{TSM} I _{FSM}	V(T ₀)	Исполнение	Соответствие другим производителям	
		при T _C		при 10 мс, T _{vj max}	при T _{vj max}			
	V	A	°C	A	V	Чертеж	SanRex	Mitsubishi
ECWT60RSA30/40	300/400	60	100	1800	1.25	RSA	PWB60A30/40	
ECWT80RSA30/40	300/400	80	100	2500	1.2	RSA	PWB80A30/40	
ECWT100RSA30/40	300/400	100	100	3000	1.2	RSA	PWB100A30/40	TM100SZ-M
ECWT130RSA30/40	300/400	130	100	3200	1.2	RSA	PWB130A30/40	
ECWT150MSB30	300/400	150	100	3500	1.2	MSB		TM150SA-6
ECWT150RSC30/40	300/400	150	100	3500	1.2	RSC	PWB150AA30/40	
ECWT200RSC30/40	300/400	200	100	6000	1.2	RSC	PWB200AA30/40	

Трехфазные выпрямители Тиристорные модули для защиты от бросков тока

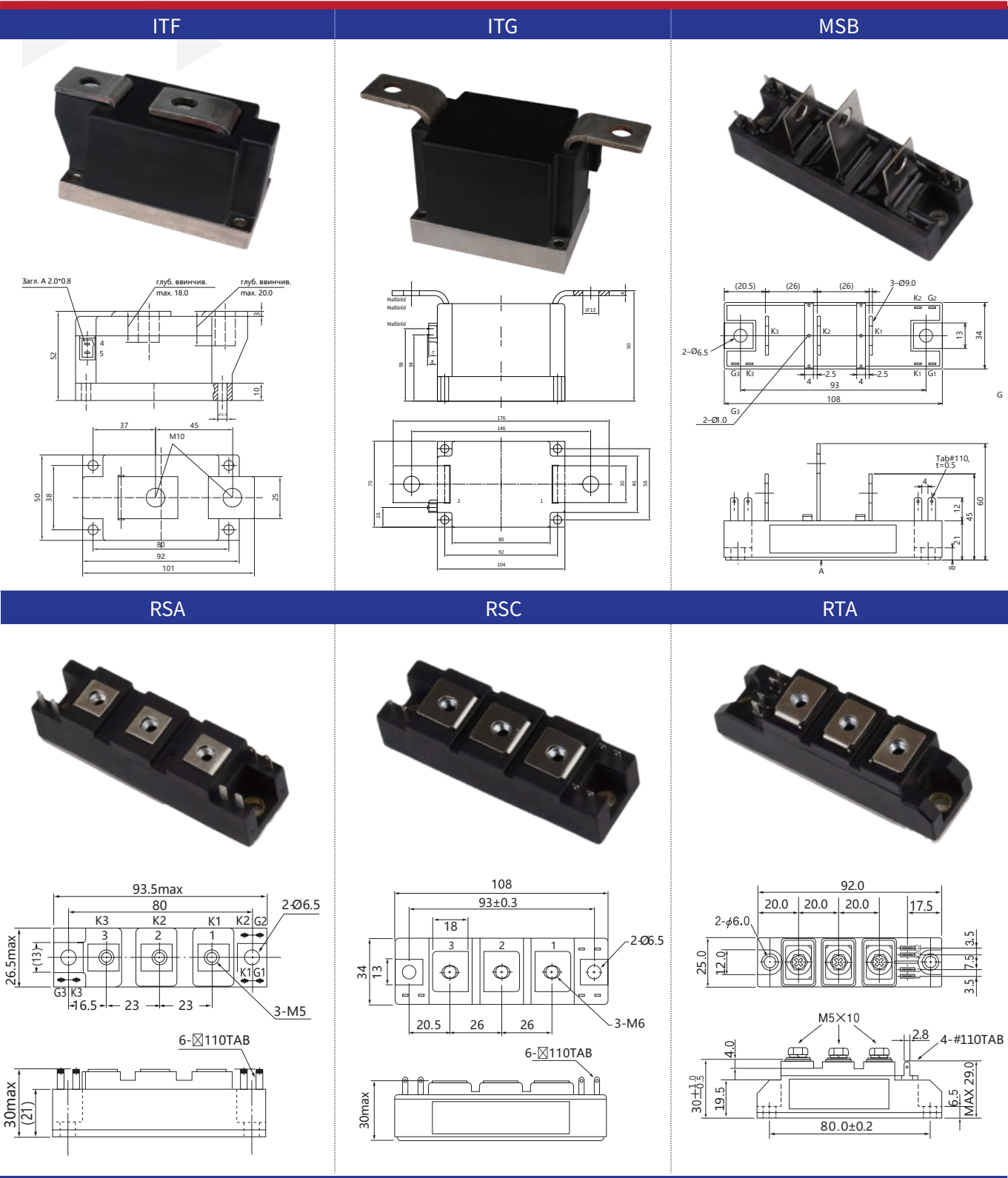
Тип	V _{DRM} V _{RRM}	I _{TAV} I _{FAV}	T _C	I _{FSM}	V(T0)	Исполнение	Соответствие другим производителям	
		при T _C		при 10 мс, T _{vj max}	при T _{vj max}			
	V	A	°C	A	V	Чертеж	SanRex	SEMIKRON
ECDA50BA80/160	800/1600	50	100	800	1.30	BA	DFA50BA80/160	
ECDA75BA80/160	800/1600	75	100	1000	1.30	BA	DFA75BA80/160	
ECDA100BA80/160	800/1600	100	100	1300	1.30	BA	DFA100BA80/160	
ECDA150BA80/160	800/1600	150	100	1600	1.35	BA	DFA150BA80/160	
ECDA150AA80/160	800/1600	150	100	1600	1.35	AA	DFA150AA80/160	
ECDA200AA80/160	800/1600	200	100	2000	1.35	AA	DFA200AA80/160	
ECDA150CB80/160	800/1600	150	100	1600	1.35	CB	DFA150CB80/160	
ECDA200CB80/160	800/1600	200	100	2000	1.35	CB	DFA200CB80/160	



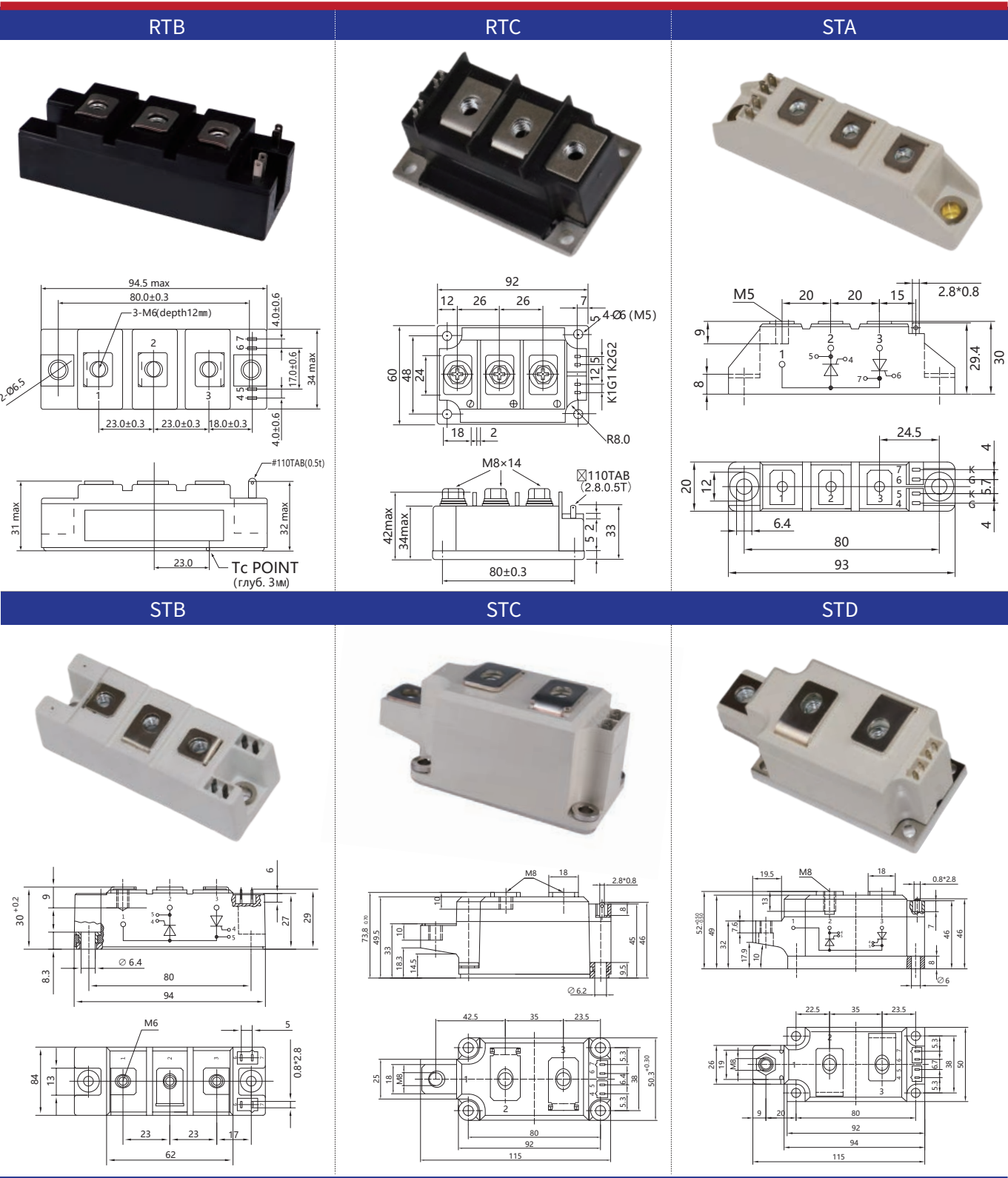
Габаритно-монтажные чертежи

AA	BA	CB
 	 	 
ITB	ITD	ITE
 	 	

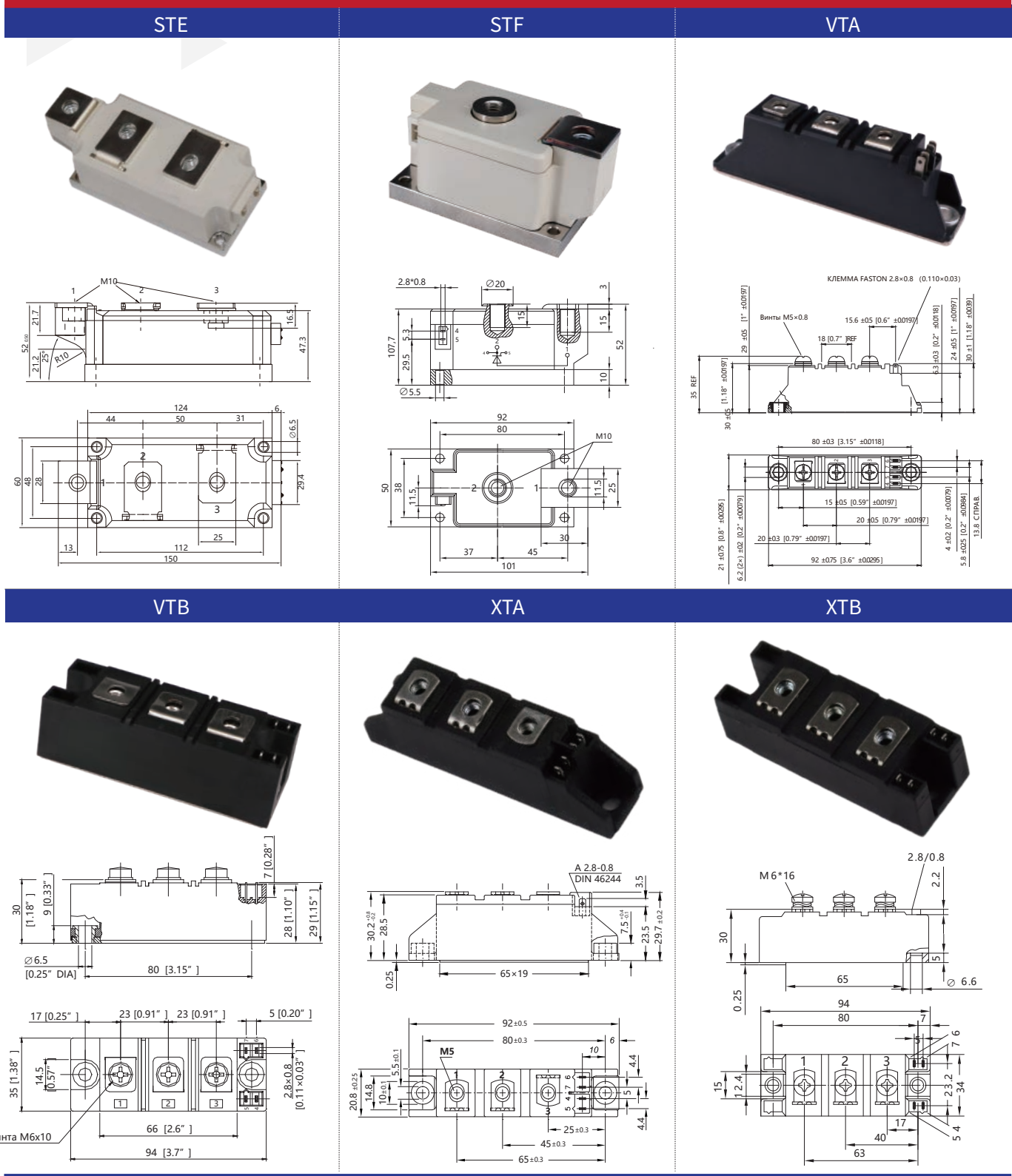
Габаритно-монтажные чертежи



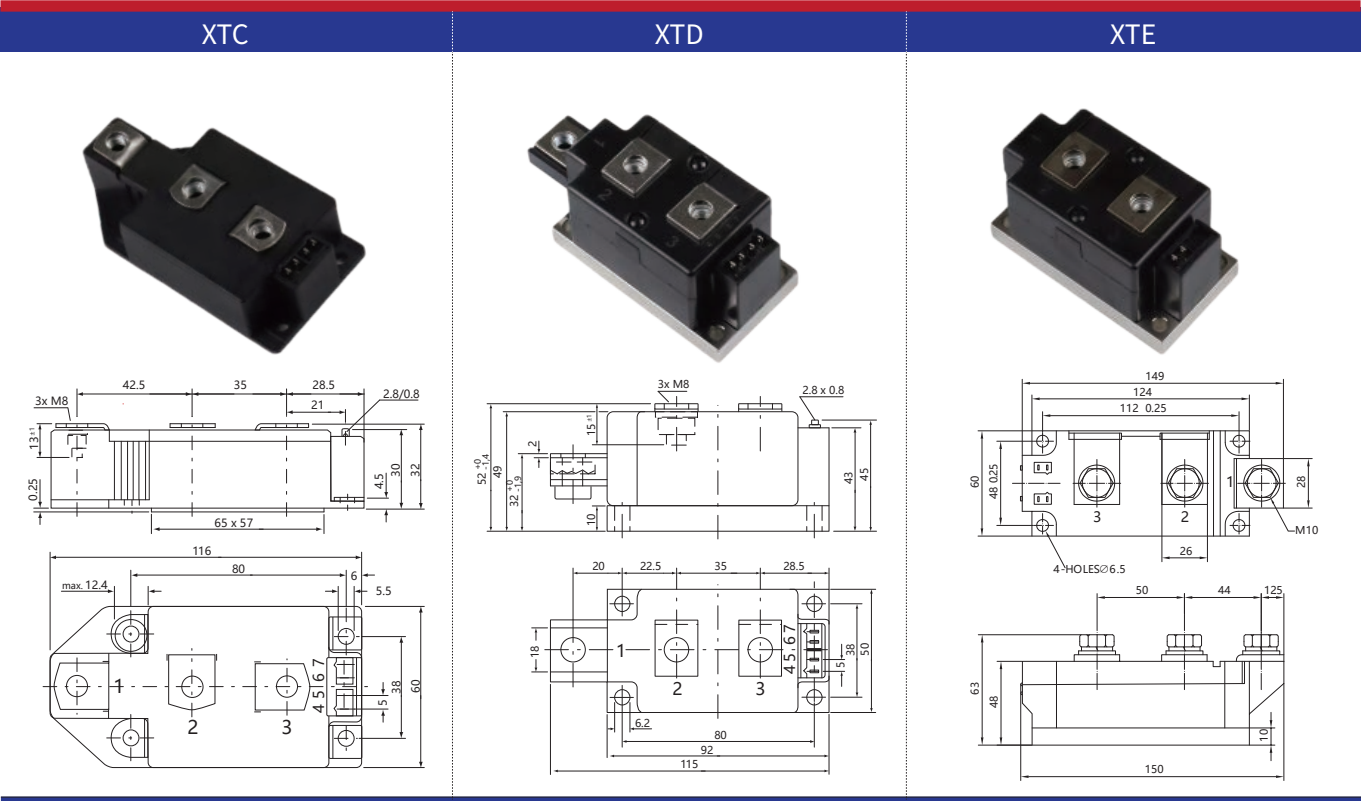
Габаритно-монтажные чертежи



Габаритно-монтажные чертежи



Габаритно-монтажные чертежи



Выпрямительные мосты

Описание

Модуль выпрямительного моста обычно содержит достаточно большую индуктивную нагрузку, исключающую прерывание тока. При этом на выходе устанавливается сглаживающий фильтр, поэтому нагрузку можно рассматривать как источник постоянного тока. Несколько групп трехфазных выпрямительных мостов соединены друг с другом, поэтому гармоники, образуемые линиями выпрямительного моста, могут аннулировать друг друга.

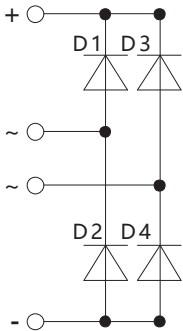
По типу выпрямительного трансформатора выпрямители можно разделить на традиционный импульсный и автотрансформаторный импульсный преобразователи.

В типовом импульсном преобразователе напряжения используется разделительный трансформатор для полной развязки входного напряжения и выходного напряжения, однако эквивалентная мощность выпрямителя значительна, в связи с чем он имеет достаточно крупные размеры.



Однофазные выпрямительные мосты с лавинными диодами

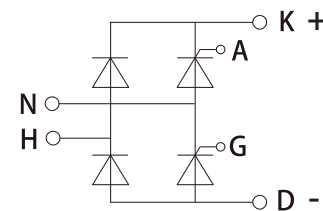
Тип	VRRM	IdAV	Tc	IFSM	V(F0)	Исполнение	Соответствие другим производителям	
		при Tc		10 мс, 45°C	при Tvj max		IXYS	SEMIKRON/POWERSEM
	V	A	°C	A	V	Чертеж		
ECB25MA08~16	800~1600	35	85	370	0.85	MA	VBO20/25-08~16NO2	
ECB30XDB08~18	800~1800	30	85	370	0.80	XDB	VBO30-12~18NO7	
ECB30SDB08~18	800~1800	30	85	370	0.80	SDB		SKB30/08~18
ECB36MT08~18	800~1800	35	85	550	0.76	MT	VBO22/36-08~18NO8	SKB25/35-08~18
ECB50XDC08~18	800~1800	45	85	750	0.76	XDC	VBO50-08~18NO7	
ECB50SDC08~18	800~1800	45	85	750	0.76	SDC		SKB50/08~16
ECB52XEA08~18	800~1800	60	115	550	0.78	XEA	VBO52-08~18NO7	
ECB52SEA08~18	800~1800	60	115	550	0.78	SEA		SKB52/08~16
ECB60SEB08~18	800~1800	60	115	550	0.78	SEB		SKB60/08~16
ECB68XWA08~16	800~1600	70	105	550	0.81	XWA	VBO68-08~16NO7	PSB68/08~16
ECB72XEA08~18	800~1800	70	110	750	0.78	XEA	VBO72-08~18NO7	
ECB72SEA08~18	800~1800	70	110	750	0.78	SEA		SKB72/08~16
ECB88XWB08~16	800~1600	90	115	1000	0.81	XWB	VBO78/88-08~16NO7	PSB78-88/08~16
ECB100FEA08~18	800~1800	100	100	1500	0.78	FEA		MDQ100-08~18
ECB125XFC08~16	800~1600	125	105	1800	0.76	XFC	VBO105/125-08~16NO7	PSB105~125/08~16
ECB160XFA08~18	800~1800	160	110	2800	0.74	XFA	VBO130/160-08~18NO7	
ECB200MTB08~18	800~1800	200	100	2900	0.81	MTB		MDQ200-08~18
ECB300MTB08~18	800~1800	300	100	4500	0.81	MTB		MDQ300-08~18



SPB

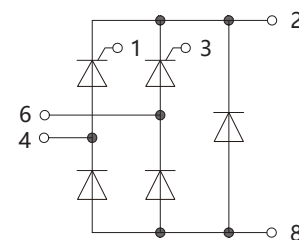
Однофазные полууправляемые выпрямительные мосты

Тип	V _{RRM}	I _{dAV}	T _C	I _{FSM}	V(F0)	Исполнение	Соответствие другим производителям	
		при T _C		10 мс, 45°C	при T _{vj max}			
	V	A	°C	A	V	Чертеж	IXYS	POWERSEM
ECBZ36XWA08~12	800~1200	36	85	320	0.85	XWA	VGO36-08~16io7	PSBZ25/08~12

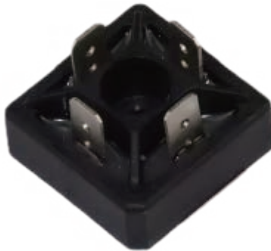
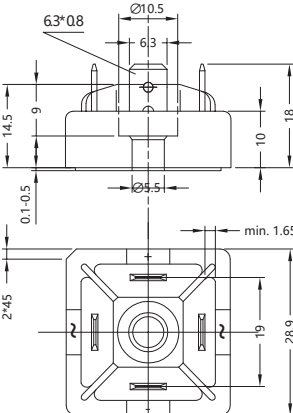
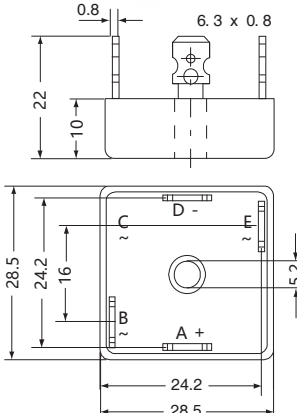
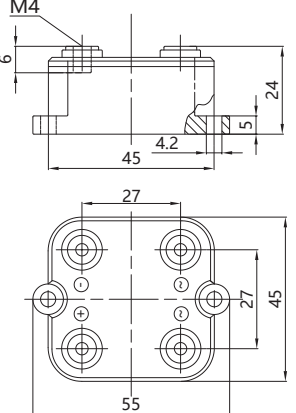
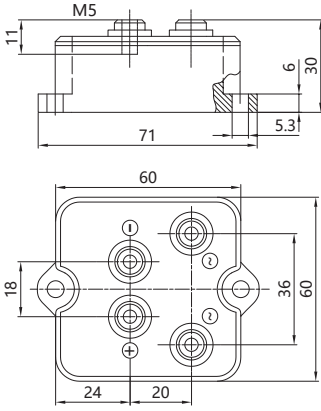
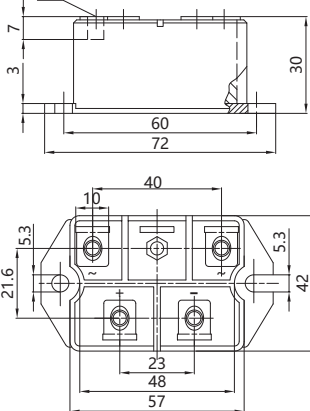
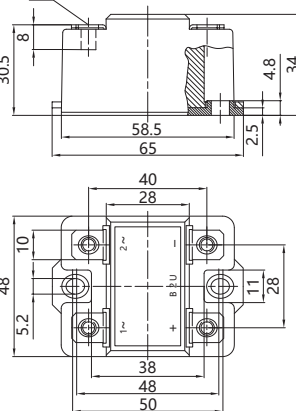


Однофазные полууправляемые выпрямительные мосты с ограничительными диодами

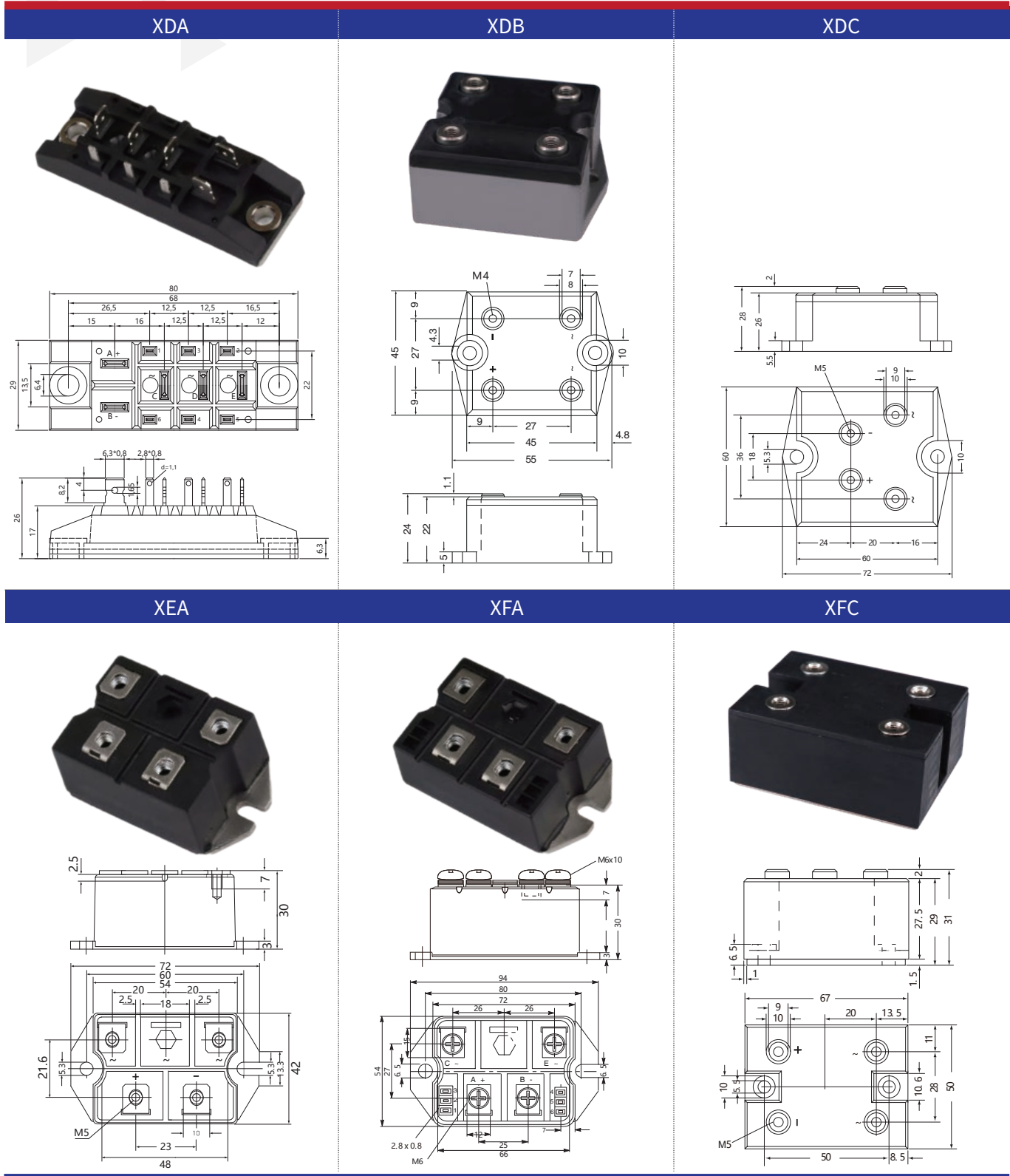
Тип	V_{RRM}	I_{dAV}	T_C	I_{FSM}	$V(F0)$	Исполнение	Соответствие другим производителям	
		при T_C		10 мс, 45°C	при $T_{vj\ max}$			
	V	A	°C	A	V	Чертеж	IXYS	SEMIKRON/POWERSEM
ECCH15XWC08~16	800~1600	15	85	190	1.00	XWC	VHF15-08~16io5	
ECCH25XWA08~12	800~1200	32	85	200	0.85	XWA	VHF25-08~12io7	PSCH25/08~12
ECCH28XWC08~16	800~1600	28	85	300	0.90	XWC	VHF28-08~16io5	
ECCH36XWC08~16	800~1600	36	85	320	0.85	XWC	VHF36-08~16io5	
ECCH55XDA08~16	800~1600	46	85	520	0.85	XDA	VHF55-08~16io5	PSCH55/08~16
ECCH85XFA08~16	800~1600	82	85	1150	0.85	XFA	VHF85-08~16io5	PSCH85/08~16
ECCH125XFA08~16	800~1600	123	85	1500	0.85	XFA	VHF125-08~16io5	PSCH125/08~16



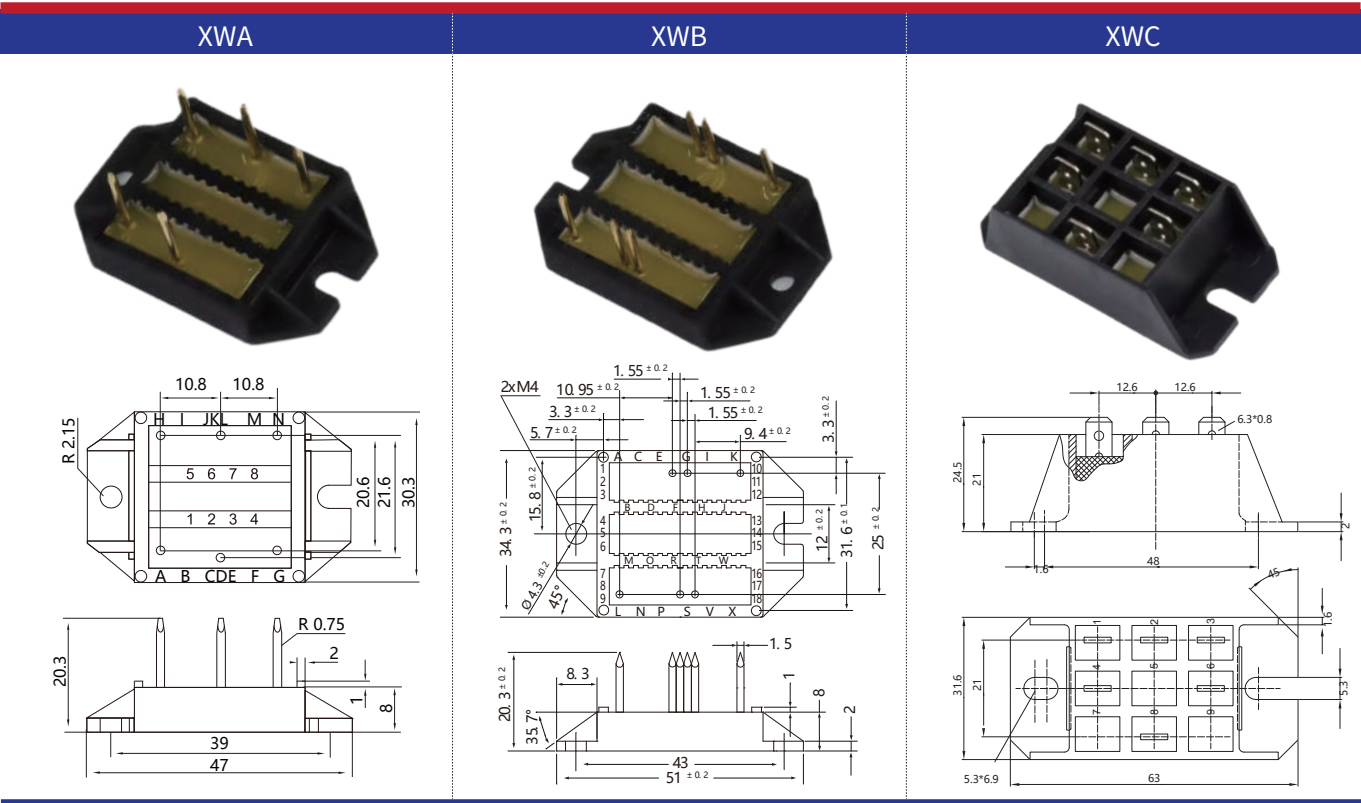
Габаритно-монтажные чертежи

MA	MT	SDB
 	 	 
SDC	SEA	SEB
 	 	 

Габаритно-монтажные чертежи



Габаритно-монтажные чертежи



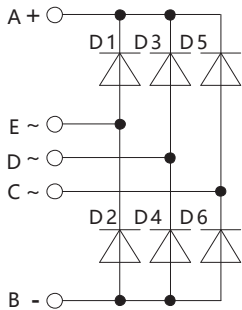
Трехфазные выпрямительные мосты со стандартными диодами

Тип	V _{DRM} V _{RRM}	I _{dAV}	T _C	I _{FSM}	V _(F0)	Исполнение	Соответствие другим производителям	
		при T _C		45°C 10 мс	при T _{vj max}			
	V	A	°C	A	V	Чертеж	IXYS	SEMIKORN/SanRex
ECD25MT08~18	800~1800	25	85	380	0.77	MT	VUO25-16NO8/26MT160	
ECD30RDA08~18	800~1800	30	117	300	1.30	RDA		DF30AA160
ECD30SDB08~18	800~1800	30	100	320	0.85	SDB		SKD30/16A1
ECD31SCA08~18	800~1800	30	100	320	0.85	SCA		SKD31-16
ECD35XDB08~18	800~1800	30	100	320	0.85	XDB	VUO35-16NO7	
ECD36MT08~18	800~1800	35	85	450	0.76	MT	VUO36-16NO8/36MT160	
ECD50MT08~18	800~1800	50	85	500	0.76	MT	TM5016	
ECD50REA08~18	800~1800	50	114	700	1.20	REA		DF50AA160
ECD50MCA08~18	800~1800	50	100	500	1.40	MCA	MSD50-16/MMD50L160X	
ECD51SDA08~18	800~1800	50	100	700	0.80	SDA		SKD51-16
ECD52XWD08~18	800~1800	50	100	350	0.80	XWD	VUO52-16NO1	
ECD53SWE08~18	800~1800	50	100	350	0.80	SWE		SKD53-16
ECD55SDC16	800~1800	50	100	350	0.80	SDC		SKD50/16A3
ECD55XDC16	800~1800	60	85	750	0.75	XDC	VUO55-16NO7	
ECD60XWC08~18	800~1800	60	110	700	0.77	XWC	VUO60-16NO3	
ECD60REB08~18	800~1800	60	112	1000	1.30	REB		DF60AA160
ECD60RLA08~18	800~1800	60	111	800	1.30	RLA		DF60LA160
ECD60RLB08~18	800~1800	60	111	800	1.30	RLB		DF60LB160
ECD68XWA08~16	800~1600	70	105	300	0.82	XWA	VUO68-16NO7/PSD68/16	
ECD70XDA12~16	1200~1600	70	100	550	0.80	XDA	VUO70-16NO7	
ECD75SEA08~18	800~1800	75	100	550	0.78	SEA	MSD75-16	SKD62/16
ECD75XEA08~18	800~1800	75	100	550	0.78	XEA	VUO62-16NO7	
ECD75XEB08~18	800~1800	75	100	550	0.78	XEB	VUO64-16NO7	MMD70EC160X
ECD75REA08~18	800~1800	75	100	1000	1.40	REA		DF75AA160
ECD75REC08~18	800~1800	75	100	1000	1.40	REC		DF75AC160
ECD75RLA08~18	800~1800	75	101	1000	1.30	RLA		DF75LA160
ECD75RLB08~18	800~1800	75	101	1000	1.30	RLB		DF75LB160
ECD80XWD08~18	800~1800	80	110	600	0.81	XWD	VUO80-16NO1	
ECD83SWE08~18	800~1800	80	110	600	0.81	SWE		SKD83/16
ECD86XWA08~16	800~1600	90	105	550	0.81	XWA	VUO86-16NO7/PSD86/16	
ECD98XWB08~16	800~1600	105	115	750	0.81	XWB	VUO98-16NO7/PSD98/16	

Трехфазные выпрямительные мосты со стандартными диодами

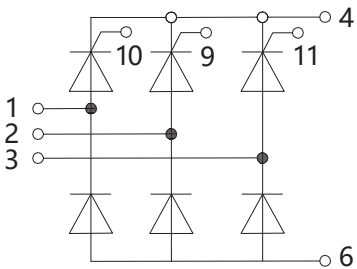
Тип	V _{DRM} V _{RRM}	I _{dAV}	T _C	I _{FSM}	V _(F0)	Исполнение	Соответствие другим производителям	
		при T _C		45°C 10 мс	при T _{vj max}			
	V	A	°C	A	V	Чертеж	IXYS	SEMIKORN/SanRex
ECD100SEA08~18	800~1800	100	105	750	0.78	SEA	MMD100E160X	SKD82/16
ECD100XEA08~18	800~1800	100	105	750	0.78	XEA	VUO82-16NO7	
ECD100XEB08~18	800~1800	100	105	750	0.78	XEB	VUO84-16NO7	MMD100EC160X
ECD100FEA08~18	800~1800	100	105	750	0.78	FEA	6RI100G-160	
ECD100SEB08~18	800~1800	100	93	1000	0.85	SEB		SKD100/16
ECD100REA08~18	800~1800	100	102	1000	1.20	REA		DF100AA160
ECD100REC08~18	800~1800	100	102	1300	1.20	REC		DF100AC160
ECD100RLA08~18	800~1800	100	90	1300	1.30	RLA		DF100LA160
ECD100RLB08~18	800~1800	100	90	1300	1.30	RLB		DF100LB160
ECD100IGA16R	1600	100	100	650	1.55	IGA	DDB6U100N16R	
ECD105XFC12~18	1200~1800	120	105	1500	0.78	XFC	VUO105-16NO7,PSD105/16	
ECD110SFA08~18	800~1800	110	100	1000	0.85	SFA		SKD110/16
ECD110MFA08~18	800~1800	110	100	1000	0.85	MFA	MSD100-16	
ECD110XFA08~18	800~1800	110	100	1000	0.85	XFA	VUO110-16NO7	
ECD115SWF16	1200~1600	110	85	1150	0.80	SWF		SKD115/16
ECD120XWE16NOXT	1200~1600	120	90	860	0.81	XWE	VUO120-16NO2T/NO1	
ECD121XGA16	1600	120	105	700	0.80	XGA	VUO121-16NO1	
ECD122XWB08~16	800~1600	125	115	1000	0.80	XWB	VUO122-16NO7,PSD108/16	
ECD125XFC12~18	1200~1800	150	110	1800	0.76	XFC	VUO125-16NO7,PSD125/16	
ECD144IGA16R	1600	145	100	1200	1.65	IGA	DDB6U144N16R	
ECD145SWF12~18	1200~1800	140	85	1700	0.80	SWF		SKD145/12~18
ECD150RFA08~18	800~1800	150	100	1200	1.20	RFA		DF150AA160
ECD150RFB08~18	800~1800	150	100	1200	1.20	RFB		DF150AB160
ECD150RFC08~18	800~1800	150	106	2000	1.31	RFC		DF150AC160
ECD150RFE08~18	800~1800	150	106	2000	1.31	RFE		DF150AE160
ECD160SFA08~18	800~1800	175	110	1800	0.77	SFA		SKD160/16
ECD160XFA08~18	800~1800	175	110	1800	0.77	XFA	VUO160-16NO7	
ECD160XFB08~18	800~1800	175	110	1800	0.77	XFB	VUO162-16NO7	MMD150FB160X
ECD160MFA08~18	800~1800	175	110	1800	0.77	MFA	MSD160-16	MMF150F160X
ECD160VFA08~18	800~1800	200	85	1500	0.81	VFA	160MT160KB	
ECD200SFA08~18	800~1800	200	110	2800	0.74	SFA		SKD210/16

Трехфазные выпрямительные мосты со стандартными диодами



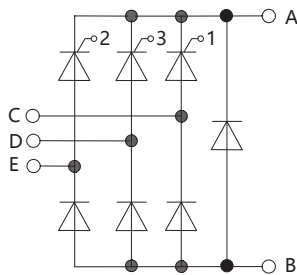
Тип	V _{DRM} V _{RRM}	I _{dAV}	T _C	I _{FSM}	V(T ₀)	Исполнение	Соответствие другим производителям	
		при T _C		45°C 10 мс	при T _{vj max}			
	V	A	°C	A	V	Чертеж	IXYS	SEMIKORN/SanRex
ECD200XFA08~18	800~1800	200	110	2800	0.74	XFA	VUO190-16NO7	
ECD200XFB08~18	800~1800	200	110	2800	0.74	XFB	VUO192-16NO7	MMD200FB160X
ECD200MFA08~18	800~1800	200	110	2800	0.74	MFA	MSD200-16	MMF200F160X
ECD200RFA08~18	800~1800	200	102	2000	1.20	RFA		DF200AA160
ECD200RFB08~18	800~1800	200	102	2000	1.20	RFB		DF200AB160
ECD200RFC08~18	800~1800	200	106	2500	1.32	RFC		DF200AC160
ECD200RFE08~18	800~1800	200	106	2500	1.32	RFE		DF200AE160
ECD205IFA08~18	800~1800	205	100	1600	1.47	IFA	DDB6U205N16L	
ECD215IFB08~18	800~1800	215	110	2000	1.61	IFB	DDB6U215N16L	

Трехфазные полупроводниковые выпрямительные мосты



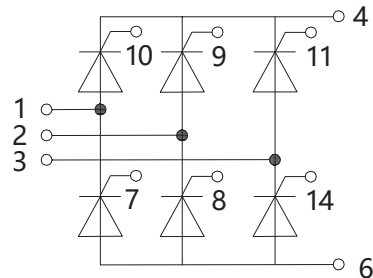
Тип	V _{DRM} V _{RRM}	I _{dAV}	T _C	I _{FSM}	V(T ₀)	Исполнение	Соответствие другим производителям	
		при T _C		при 10 мс, T _{vj max}	при T _{vj max}			
	V	A	°C	A	V	Чертеж	IXYS	SEMIKORN
ECDH70XDA08~16	800~1600	70	85	550	0.85	XDA	VVZ70-08~16io7	
ECDH110XFA08~16	800~1600	110	85	1150	0.85	XFA	VVZ110-08~12io7	
ECDH115SWF12~16	1200~1600	110	85	950	1.1	SWF		SKDH115/12~16
ECDH145SWF12~16	1200~1600	140	85	1250	0.9	SWF		SKDH145/12~16
ECDH175XFA08~16	800~1600	167	85	1500	0.85	XFA	VVZ175-08~16io7	

Трехфазные полупроводниковые выпрямительные мосты с ограничительными диодами



Тип	V _{RRM}	I _{dAV}	T _C	I _{FSM}	V(T ₀)	Исполнение	Соответствие другим производителям	
		при T _C		при 10 мс, T _{vj max}	при T _{vj max}			
	V	A	°C	A	V	Чертеж	IXYS	SEMIKORN
ECFH70XDA08~16	800~1600	70	85	550	0.85	XDA	VVZ70-16io7	

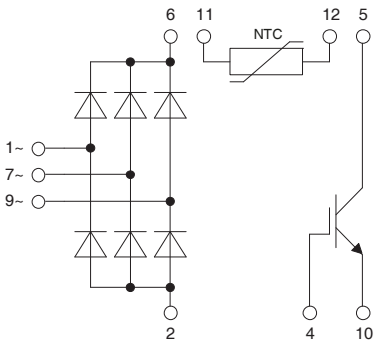
Трехфазные полупроводниковые выпрямительные мосты



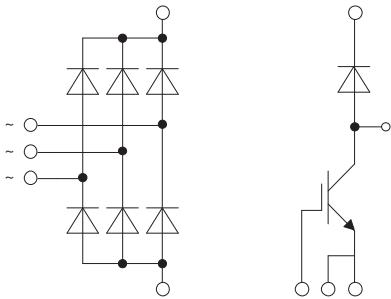
Тип	V _{DRM} V _{RRM}	I _{dAV} I _{FAV}	T _C	I _{FSM}	V(T ₀)	Исполнение	Соответствие другим производителям	
		при T _C		при 10 мс, T _{vj max}	при T _{vj max}			
	V	A	°C	A	V	Чертеж	SanRex	Mitsubishi
ECDT70XDA08~16	800~1600	70	85	520	0.85	XDA	VT070-08~16io7	
ECDT110XFA08~16	800~1600	110	85	1150	0.85	XFA	VT0110-08~16io7	
ECDT115SWF12~16	1200~1600	110	85	950	1.1	SWF		SKDT115/12~16
ECDT145SWF12~16	1200~1600	140	85	1250	0.9	SWF		SKDT145/12~16
ECDT175XFA08~16	800~1600	167	85	1500	0.85	XFA	VT0175-08~16io7	

Трехфазные выпрямительные мосты с IGBT-модулями и импульсными диодами тормозного контура

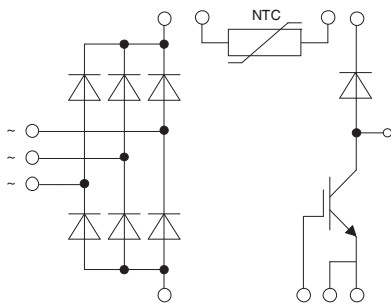
Тип	Rectifier				IGBT		Соответствие другим производителям	
	V _{DRM}	V _{RRM}	I _{dAV}	при T _C	V _{CES}	I _{C80}		
	V	A	°C		A	V	IXYS	SEMIKORN
ECG72XWD12XT	1200	75	110		1200	40	VUB72-12NOXT/NO1	
ECG72XWD16XT	1600	75	110		1200	40	VUB72-16NOXT/NO1	
ECGI72XWD16XT	1600	75	110		1200	40	VUI72-16NOXT	
ECG100IGA16RR	1600	120	105		1200	84	DDB6U100N16RR	
ECG116IGB16RR	1600	120	105		1200	84	DDB6U104N16RR	
ECG116XGA16XT	1600	120	105		1200	84	VUB116-16NOXT/NO1	
ECG116SWG12XT	1200	120	105		1200	84		SKD116/12-L100/L140
ECG116SWG16XT	1600	120	105		1200	84		SKD116/16-L100/L140
ECG120WF16X	1600	180	90		1200	140	VUB120-16NOX/NO2	
ECG120WF16XT	1600	180	90		1200	140	VUB120-16NOXT/NO1	
ECG135XGA22XT	2200	150	105		1700	80	VUB135-22NOXT/NO1	
ECG145IGB16RR	1600	120	105		1200	84	DDB6U134N16RR	
ECG145XGA16XT	1600	150	105		1200	140	VUB145-16NOXT/NO1	
ECG146SWG12XT	1200	150	105		1200	140		SKD146/12-L100/L140
ECG146SWG16XT	1600	150	105		1200	140		SKD146/16-L100/L140
ECG160XWE16X	1600	180	90		1200	175	VUB160-16NOX/NO2	
ECG160XWE16XT	1600	180	90		1200	175	VUB160-16NOXT/NO1	



SPGI72



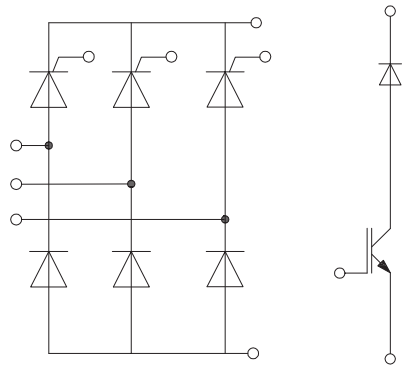
SPG



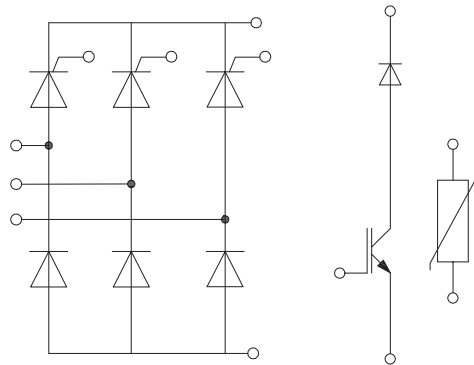
SPG-XT

Трехфазные выпрямительные мосты с IGBT-модулями и импульсными диодами тормозного контура

Тип	Rectifier				IGBT		Соответствие другим производителям	
	V _{DRM}	V _{RRM}	I _{dAV}	при T _C	V _{CES}	I _{C80}		
	V	A	°C		A	V	IXYS	SEMIKORN
ECGH116SWG12XT	1200	120	105		1200	84	SWG	SKDH116-12L100/L140
ECGH116SWG16XT	1600	120	105		1200	84	SWG	SKDH116-16L100/L140
ECGH120XWE16X	1600	180	90		1200	140	XWE	VVZB120-16NOX
ECGH120XWE12XT	1600	180	90		1200	140	XWE	VVZB120-12io1
ECGH120XWE16XT	1600	180	90		1200	140	XWE	VVZB120-16io1
ECGH124IGA16XT	1600	124	105		1200	84	IGA	TDB6HK124N16RR
ECGH135XGA16XT	1600	150	85		1200	84	XGA	VVZB135-16IOXT/NO1
ECGH146SWG12XT	1200	150	85		1200	140	SWG	SKDH146-12L100/L140
ECGH146SWG16XT	1600	150	85		1200	140	SWG	SKDH146-16L100/L140
ECGH170XWE16XT	1600	180	85		1200	140	XWE	VVZB170-16IOXT/NO1
ECGH180IGA16X	1600	180	85		1200	140	IGA	TDB6HK180N16RR

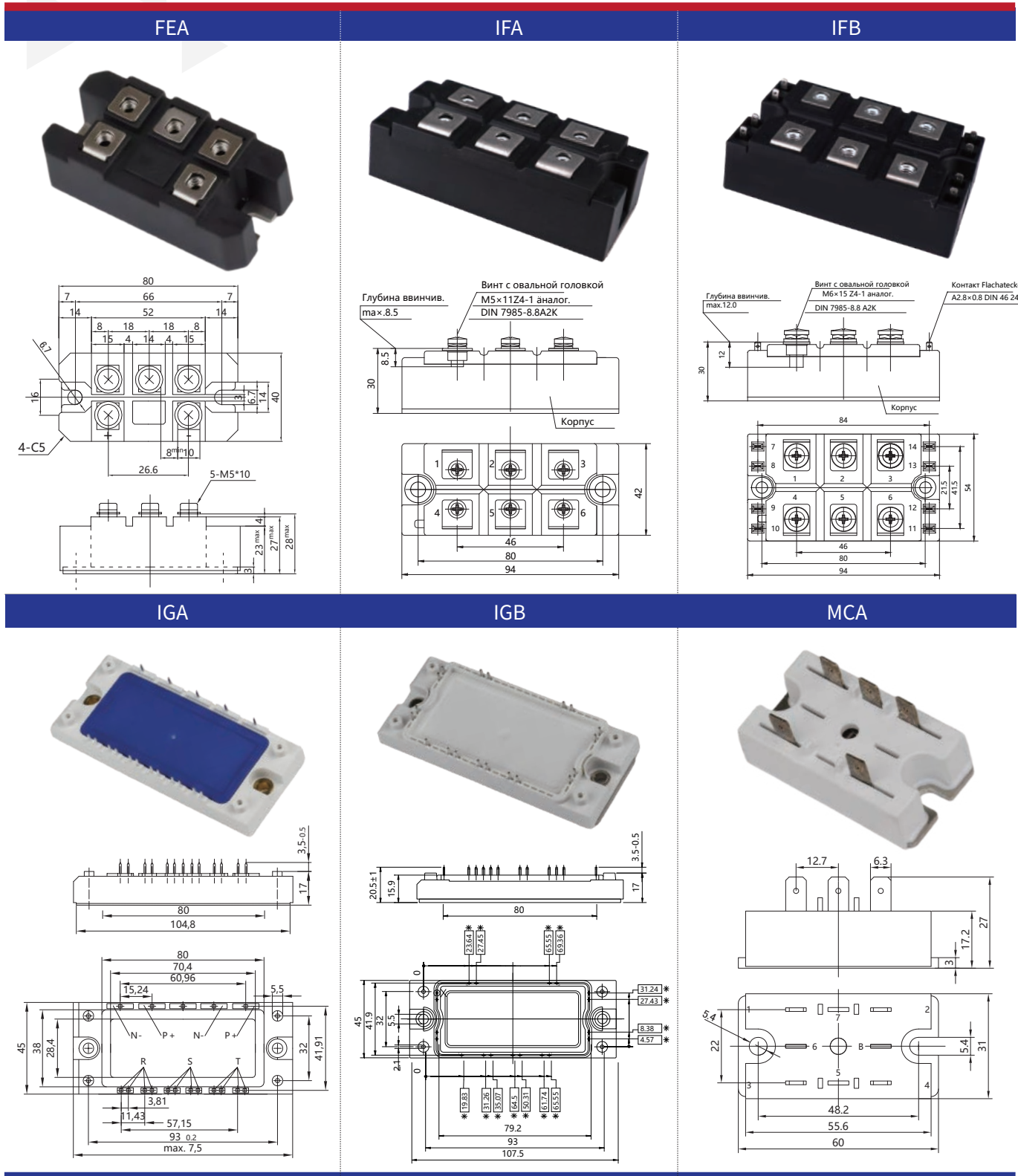


SPGH

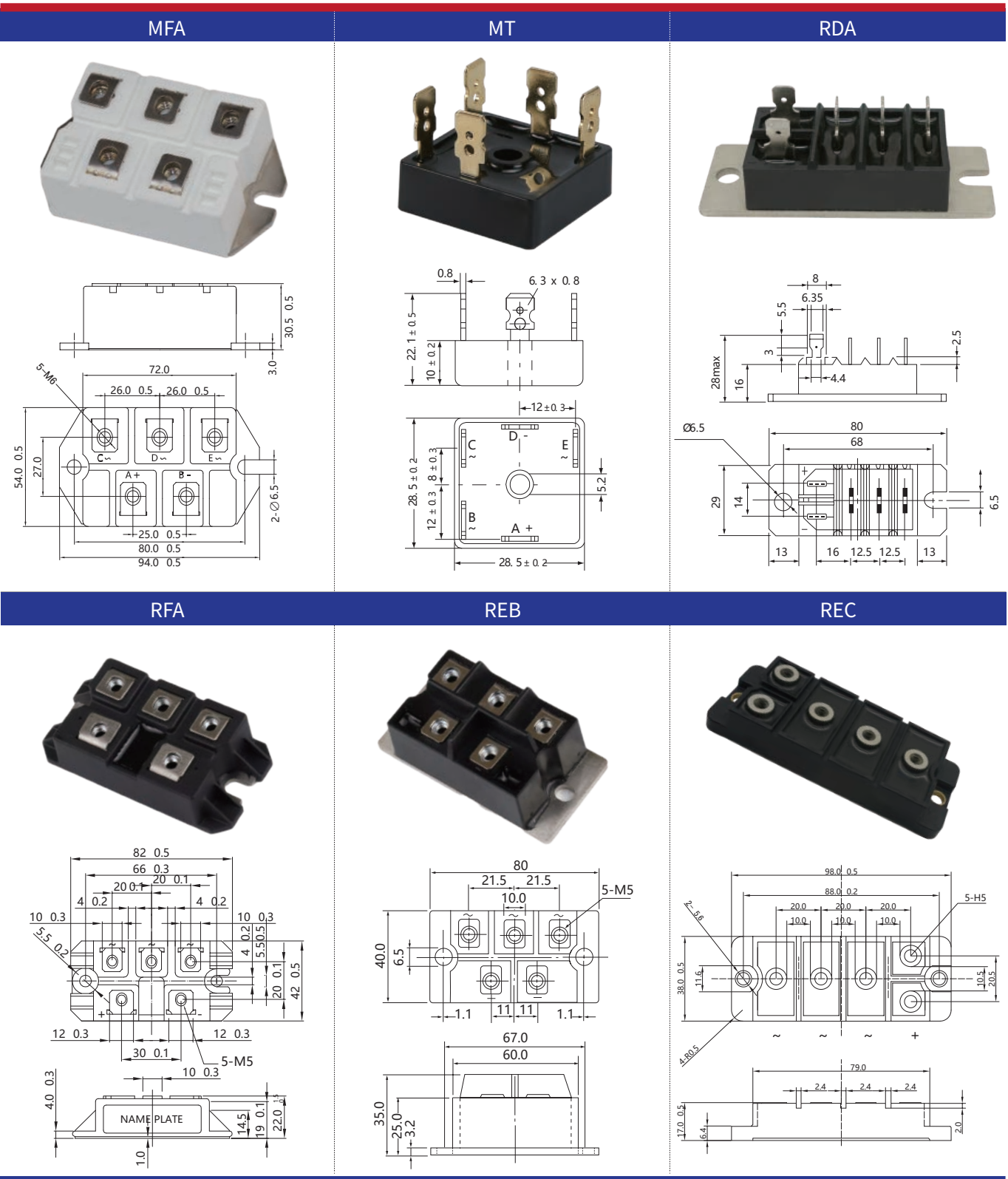


SPGH-XT

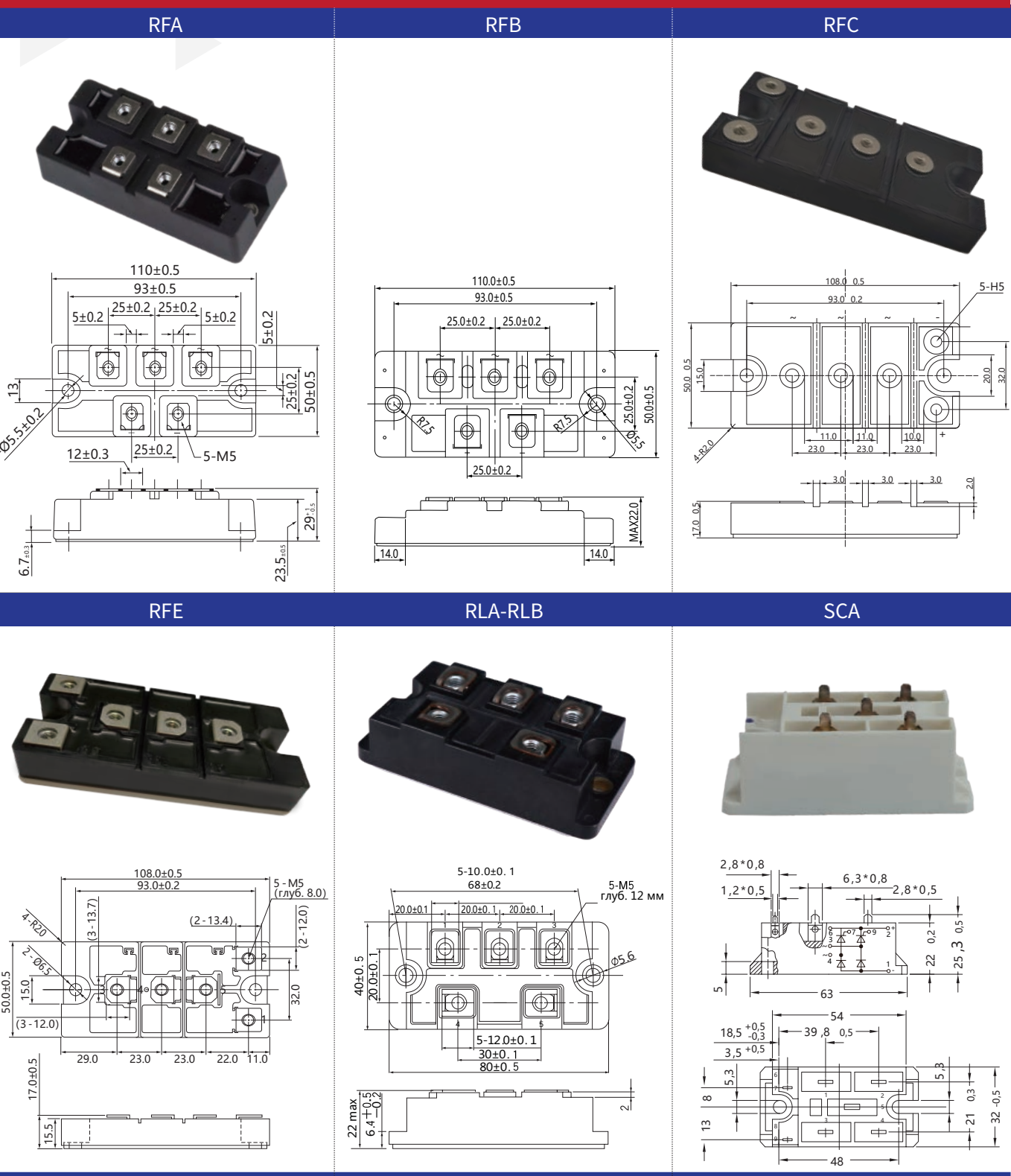
Габаритно-монтажные чертежи



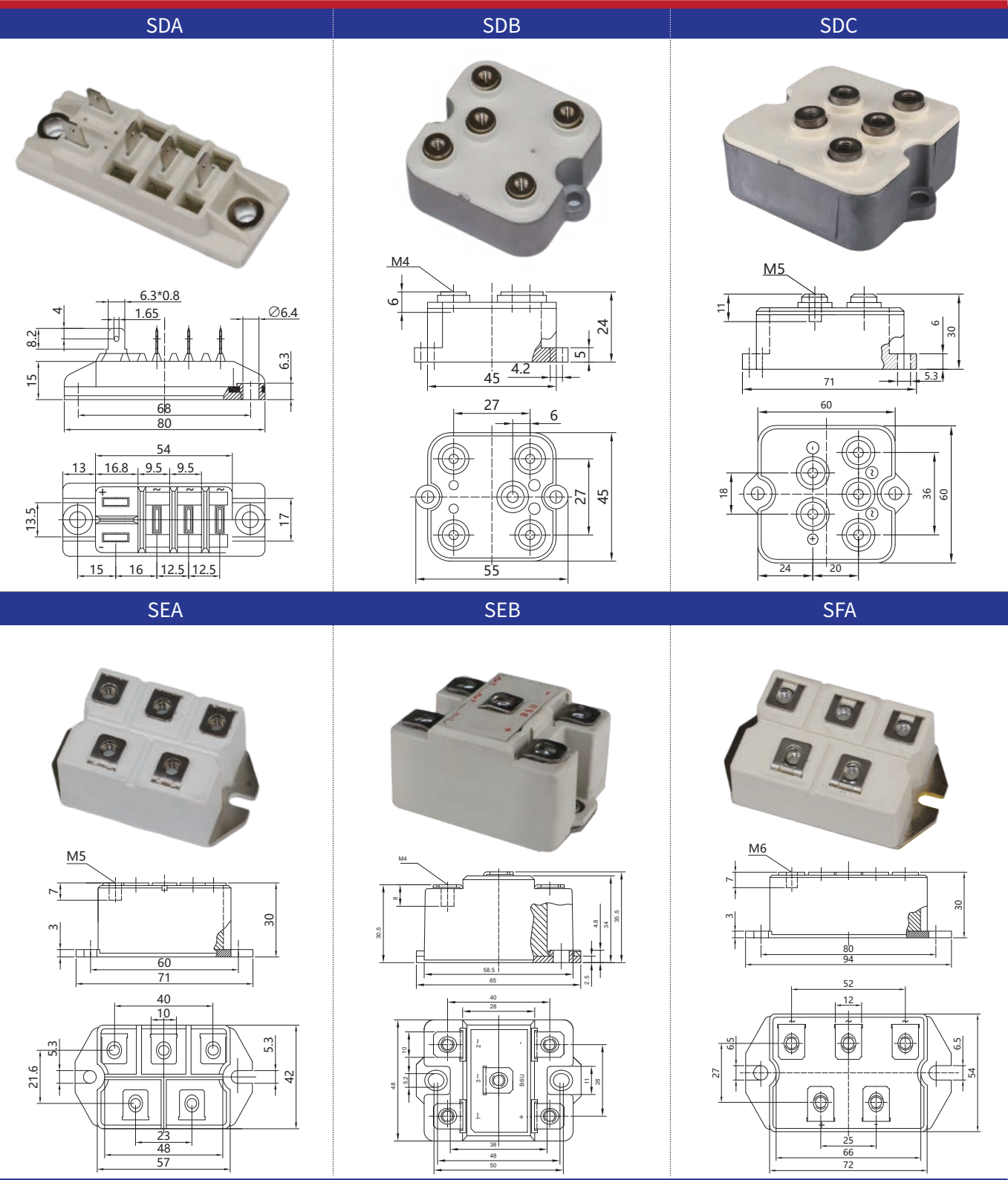
Габаритно-монтажные чертежи



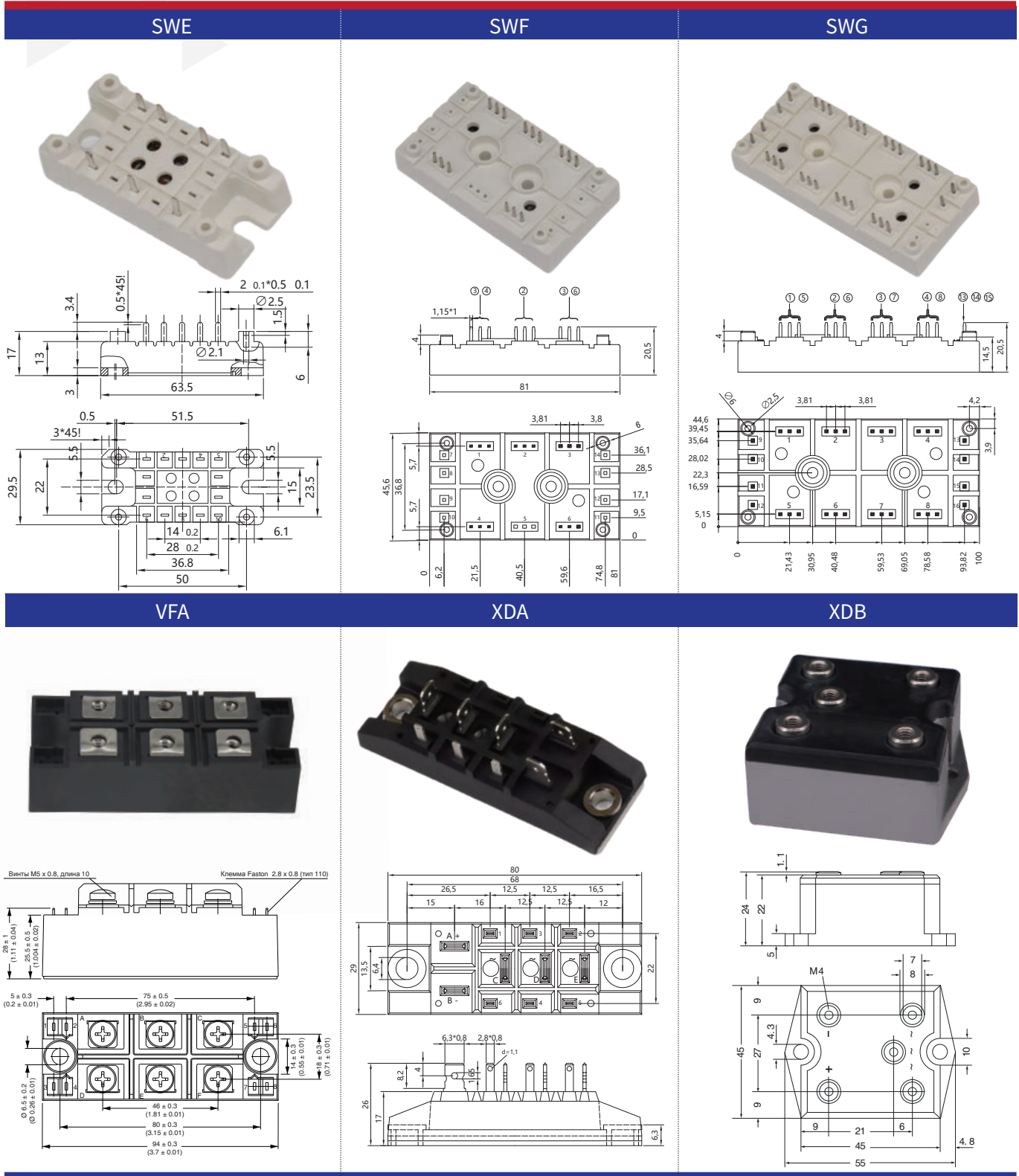
Габаритно-монтажные чертежи



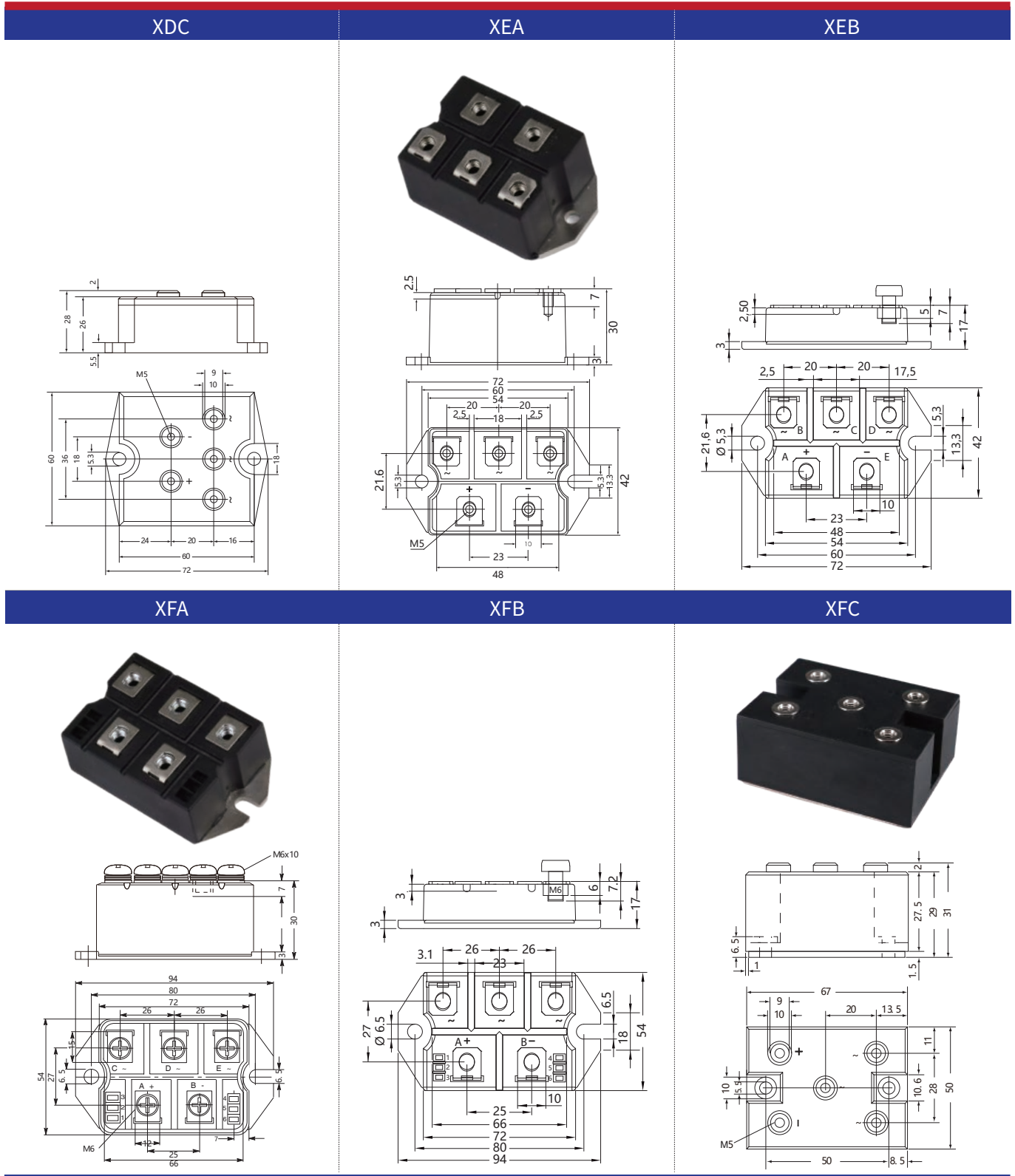
Габаритно-монтажные чертежи



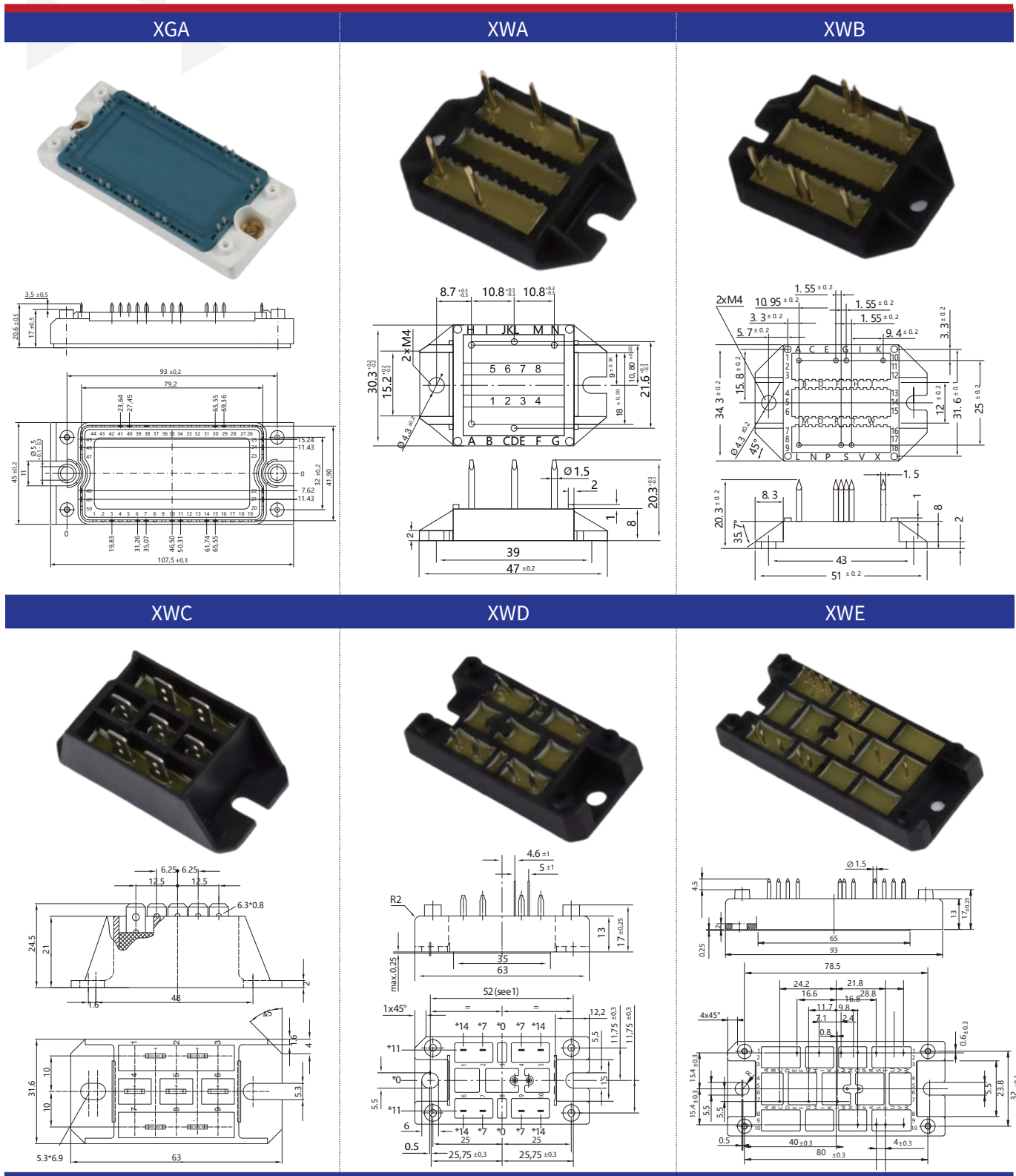
Габаритно-монтажные чертежи



Габаритно-монтажные чертежи



Габаритно-монтажные чертежи



Выпрямительные диоды

Описание

Кристаллический диод представляет собой р-п переход, состоящий из полупроводника р-типа и полупроводника n-типа, который формирует слой пространственного заряда на обоих концах своей границы раздела и создает собственное электрическое поле. Когда дополнительное напряжение не приложено, диффузионный ток, обусловленный разностью концентраций носителей между двумя концами р-п перехода, и дрейфовый ток, обусловленный самовозбуждающимся электрическим полем, одинаковы, в связи с чем и р-п переход находится в электрическом равновесии.

При наличии внешнего прямого приложения напряжения взаимное подавление внешнего электрического поля и самовозбуждающегося электрического поля увеличивает диффузионный ток носителей. Возникает прямой ток.

При наличии внешнего обратного смещения напряжения внешнее электрическое поле и самовозбуждающееся электрическое поле дополнительно усиливаются, образуя положительный ток в соответствующем диапазоне обратного напряжения.

Обратный ток насыщения I_0 не зависит от величины обратного напряжения смещения. Когда дополнительное обратное напряжение возрастает до соответствующей степени, электрическое поле в слое пространственного заряда р-п-перехода достигает критического значения, формируя процесс размножения носителей.



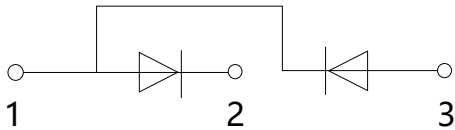
Двойные диодные модули

Тип	V _{DRM} V _{RRM}	I _{TAV} I _{FAV}	T _C	I _{TSM} I _{FSM}	V _(FM)	Исполнение	Соответствие другим производителям	
		@T _C		при 10 мс, T _{vj max}	при T _{vj max}			
	V	A	°C	A	V	Чертеж	SEMIKORN / SanRex	IXYS / Infineon
ECKD36STA08~16	800~1600	36	100	650	0.80	STA	SKKD26/08~16	
ECKD36XTA08~16	800~1600					XTA		MDD26-08~16N1
ECKD60STA08~18	800~1800	60	100	1150	0.80	STA	SKKD46/16~18	
ECKD60XTA08~18	800~1800					XTA		MDD56-08~18N1
ECKD60RSA08~18	800~1800					RTA	DD60KB80/160	
ECKD81STA08~18	800~1800	82	100	1400	0.80	STA	SKKD81/08~18	
ECKD81XTA08~18	800~1800					XTA		MDD72-08~18N1
ECKD100STA08~22	800~2200	100	100	1700	0.80	STA	SKKD100/08-18	
ECKD100XTA08~22	800~2200					XTA		MDD95-08~18N1
ECKD100RSA08~22	800~2200					RTA	DD100KB80/160	
ECKD120STA08~18	800~1800	120	100	2800	0.75	STA		
ECKD120XTA08~18	800~1800					XTA		
ECKD162STB08~22	800~2200	165	100	4700	0.80	STB	SKKD162/08-22	
ECKD162XTB08~22	800~2200					XTB		MDD172-08~18
ECKD162ITB08~22	800~2200					ITB		DD171N18K
ECKD175ITD28~34	2800~3400	240	100	8500	0.74	ITD		DD175N28~34K
ECKD200STB08~22	800~2200	200	100	6600	0.80	STB	SKKD212/12~18	
ECKD200XTB08~22	800~2200					XTB		MDD200-14~22N1
ECKD200MTB08~22	800~2200					MTB		MSKD200-16
ECKD200RSB08~22	800~2200					RSB	DD200KB80/220	
ECKD240RSB08~22	800~2200	240	100	10500	0.80	RSB	DD240KB80/160	
ECKD260STD08~22	800~2200	260	100	10000	0.80	STD	SKKD260/08~22	
ECKD260ITD08~22	800~2200					ITD		DD260N12~18K

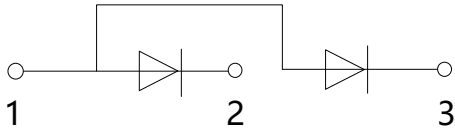
Двойные диодные модули

Тип	V _{DRM} V _{RRM}	I _{TAV} I _{FAV}	T _C	I _{TSM} I _{FSM}	V _(FM)	Исполнение	Соответствие другим производителям	
		при T _C		при 10 мс, T _{vj max}	при T _{vj max}			
	V	A	°C	A	V	Чертеж	SEMIKORN / SanRex	IXYS / Infineon
ECKD300RTC08~22	800~2200	305	100	11500	0.75	RTC	DD300KB80/160	
ECKD310XTC08~22	800~2200	305	100	11500	0.75	XTC		MDD310-08~22N1
ECKD312XTD08~22	800~2200	310	100	10500	0.80	XTD		MDD312-08~22N1
ECKD353STC08~22	800~2200	380	100	11500	0.75	STC	SKKD353/08~22	
ECKD380STD08~22	800~2200	380	100	11500	0.75	STD	SKKD380/08~22	
ECKD380ITD08~22	800~2200					ITD		DD380N08~18K
ECKD435ITE28~40	2800~4000	435	100	12000	0.84	ITE		DD435N28~40K
ECKD540ITE20~26	2000~2600	540	100	14000	0.78	ITE		DD540N20~26K
ECKD600ITE12~18	1200~1800	600	100	1900	0.78	ITE		DD600N12~18K
ECKD600XTE12~18	1200~1800	600	100	1900	0.78	XTE		MDD600-18N1
ECKD700STE12~22	1200~2200	700	100	21000	0.78	STE	SKKD701/12~22	
ECKD700XTE12~22	1200~2200					XTE		MDD710-12~22N1
ECKD700ITE12~22	1200~2200					ITE		DD700N12~22K
ECMD120MTA08~18	800~1800	120	100	2800	0.75	MTA	MSKD60/100/120-16	

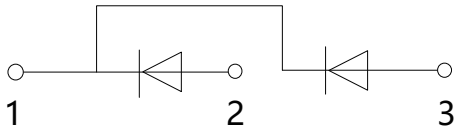
SPKD



SPND

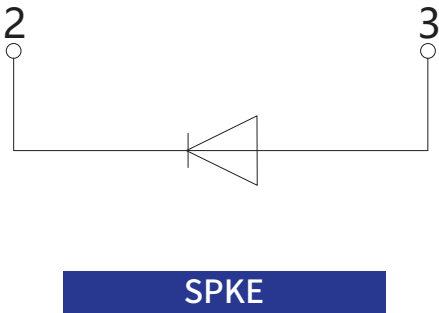


SPMD



Одинарные диодные модули

Тип	V _{DRM}	V _{RRM}	I _{TAV}	I _{FAV}	T _C	I _{TSM}	I _{FSM}	V _(FM)	Исполнение	Соответствие другим производителям	
	V		A		°C	A		V	Чертеж	SEMIKORN / IXYS	Infineon
ЕСКЕ60СТА08~18	800~1800		60		100	1150		0.80	STA		
ЕСКЕ100СТА08~22	800~2200		100		100	1700		0.80	STA	SKKE81/08~22	
ЕСКЕ162STB08~22	800~2200		165		100	4700		0.80	STB	SKKE162/08~18	
ЕСКЕ162ITB08~22	800~2200		165		100	4700		0.80	ITB		ND171N12~18K
ЕСКЕ260ITN12~18	1200~1800		260		100	10000		0.80	ITN		ND260N12~18K
ЕСКЕ350ITN12~18	1200~1800		380		100	11500		0.75	ITN		ND350N12~16K
ЕСКЕ380STD12~18	1200~1800		380		100	11500		0.75	STD	SKKE380/12~16	
ЕСКЕ435ITF36~40	3600~4000		435		100	12000		0.84	ITF		DZ435N36~40K
ЕСКЕ500XTF12~22	1200~2200		560		85	15000		0.80	XTF	MDO500-12~22N1	
ЕСКЕ540ITF20~26	2000~2600		540		100	14000		0.78	ITF		DZ540N20~26K
ЕСКЕ600STF12~22	1200~2200		600		100	19000		0.75	STF	SKKE600/12~22	
ЕСКЕ600XTF12~22	1200~2200		600		100	19000		0.75	XTF	MDO600-16N1	
ЕСКЕ600ITF12~22	1200~2200		600		100	19000		0.75	ITF		DZ600N12~18K
ЕСКЕ950ITG36~44	3600~4400		950		100	29000		0.85	ITG		DZ950N36~44K
ЕСКЕ1070ITG18~22	1800~2800		1070		100	35000		0.80	ITG		DZ1070N18~28K
ЕСКЕ1200STG18~22	1800~2200		1180		85	40000		0.72	ITG	SKKE1200-18~22	
ЕСКЕ1200ITG18~22	1800~2200								ITG	MDO1201-18~22N1	DZ1100N18~22K



Габаритно-монтажные чертежи

ITB	ITD	ITE

Габаритно-монтажные чертежи

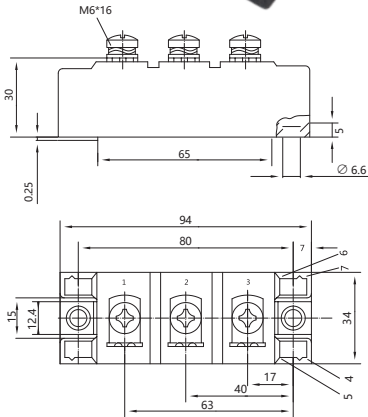
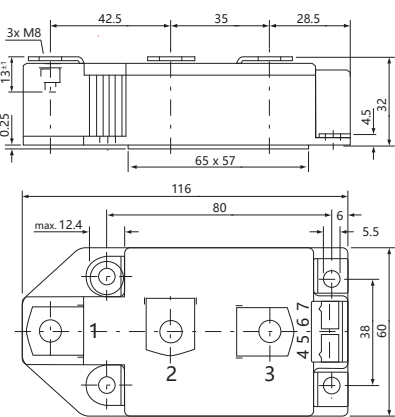
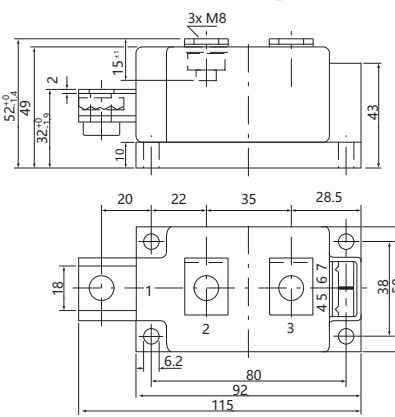
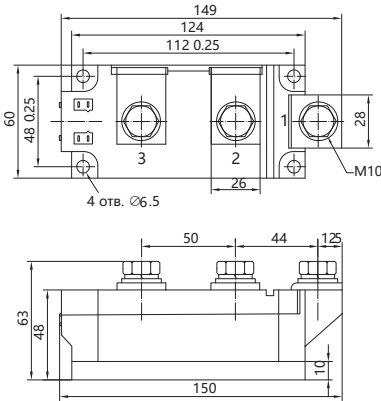
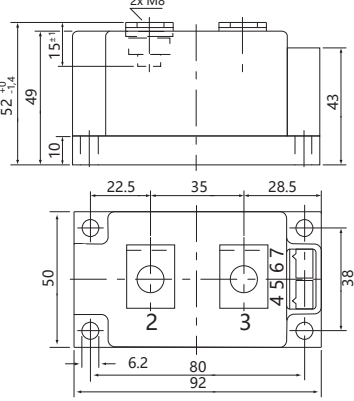
[illegible]

Габаритно-монтажные чертежи

STB

3D perspective view and two views of the STB terminal block. The side view shows a height of 30^{+0.2} and a width of 94. The top view shows a length of 80 and a width of 34. The front view shows a height of 27 and a width of 62. The terminal block has three terminals labeled 1, 2, and 3. The mounting holes are spaced 23 units apart. The terminal width is 17 units. The terminal pitch is 6.4 units. The terminal height is 9 units. The terminal width is 8.3 units. The terminal pitch is 6.4 units. The terminal height is 9 units. The terminal width is 8.3 units. The terminal pitch is 6.4 units. The terminal height is 9 units. The terminal width is 8.3 units. The terminal pitch is 6.4 units. The terminal height is 9 units. The terminal width is 8.3 units. The terminal pitch is 6.4 units. The terminal height is 9 units. The terminal width is 8.3 units. The terminal pitch is 6.4 units. The terminal height is 9 units. The terminal width is 8.3 units. The terminal pitch is 6.4 units. 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Габаритно-монтажные чертежи

XTB	XTC	XTD
 	 	 
XTE	XTF	
 	 	

Диоды с накоплением заряда

■ Описание

Внутренняя структура диода с накоплением заряда отличается от структуры обычного диода с р-ппереходом, поскольку используется кремний Р-типа (р-і-п переход).

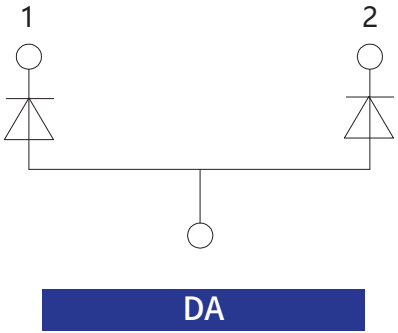
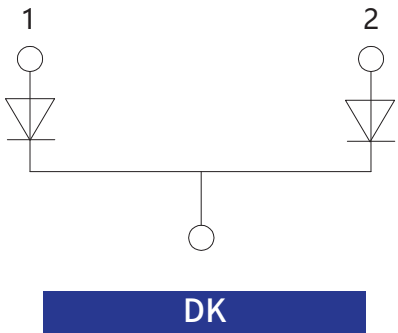
Это означает, что базовая область i добавляется между кремниевым материалом p -типа и кремниевым материалом n -типа для формирования пластины p - i - n .

Диод с р-і-п-переходом фактически представляет собой искусственно сформированный р-п переход с искусственным увеличением ширины барьерной области р-п перехода, т.е. вместо барьерной области используется более широкий слой собственного полупроводника (і), который преобразуется в р-і-п переход.



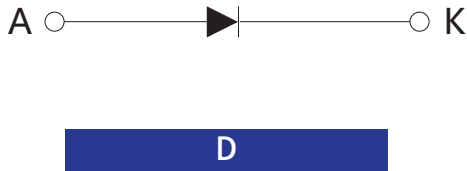
Эпитаксиальные диодные модули с накоплением заряда

Тип	V _{RRM}	I _{FAV}	I _{FSM}	V _{FM} @ I _{FM}		t _{rr}	R _{thJC}	Исполнение	Соответствие другим производителям	
		d=0.5	10 мс, T _{vj} =45 °C			typ	на чип			
	V	A	A	V	A	ns	°C/Вт	Чертеж	MACMIC	Прочие
ECF400U10DK	100	400	1500	1.00	400	65	0.18	U		MBRP400100CT
ECF400U20DK	200	400	1800	0.95	400	90	0.20	U		MBRP400200CT
ECF200U40DK	400	200	1250	1.00	200	70	0.20	U		MURP20040CT
ECF200U60DK	600	200	1500	1.15	200	105	0.20	U		MURP20060CT
ECF200U60DA	600	200	1500	1.15	200	105	0.20	U		MURL20056CTR
ECF400S10DK	100	400	1500	1.00	400	65	0.18	S		MMF400Z010DK
ECF400S20DK	200	400	1800	0.95	400	90	0.20	S		MMF400Z020DK
ECF200S40DK	400	200	1250	1.00	200	70	0.20	S		MMF200ZB040DK1
ECF200S60DK	600	200	1500	1.15	200	105	0.20	S		MMF200ZB060DK1
ECF200B40DK	400	200	1250	1.00	200	70	0.10	B	MMF200Y040DK1	
ECF200B40DK1	400	200	1250	1.00	200	70	0.10	B		DH2F100N4S
ECF200B60DK	600	200	1200	1.00	200	91	0.20	B	MMF200Y060DK1	
ECF300B40DK	400	300	1900	1.20	300	65	0.10	B	MMF300Y040DK1	
ECF300B40DK1	400	300	1900	1.20	300	65	0.10	B		DH2F150N4S
ECF300B60DK	600	300	2500	1.20	300	100	0.08	B	MMF300Y060DK1	
ECF400B40DK	400	400	2550	1.20	400	75	0.08	B	MMF400Y040DK1	
ECF800B20DK	200	800	3000	1.00	800	165	0.08	B	MMF800Y020DK1	
ECF1000B10DK	100	1000	4000	0.76	1000	100	0.09	B	MMF1000Y010DK1	
EC403CMQ100	100	400	1500	1.00	400	65	0.18	Q	203/303/403CMQ100	
EC403DMQ100	100	400	1500	1.00	400	65	0.18	Q	203/303/403DMQ100	
EC403CNQ100	100	400	1500	1.00	400	65	0.18	Q	203/303/403CNQ100	



Эпитаксиальные диодные модули с накоплением заряда

Тип	V _{RRM}	I _{FAV}	I _{FSM}	V _{FM} @ I _{FM}		t _{rr}	R _{thJC}	Исполнение	Соответствие другим производителям	
		d=0.5	10 мс, T _{vj} max			typ	на чип			
	V	A	A	V	A	ns	°C/Вт	Чертеж	MACMIC	IXYS / SEMIKORN
ECF300MBA50D	500	300	3800	1.20	300	160	0.11	MBA	MMF300YB050U	
ECF300RBA50D	500	300	3800	1.20	300	160	0.11	RBA	FRS300BA50	
ECF300MBA70D	700	300	5000	1.20	300	180	0.12	MBA	MMF300YB070U	
ECF300STB60D	600	300	4800	1.35	300	125	0.11	STB	MMF300S060U	SKKE290F06
ECF400STB120D	1200	400	3600	2.75	300	150	0.14	STB	MMF300S120U	SKKE310F12
ECF450XTB120D	1200	450	4800	1.76	520	450	0.07	XTB	MMF400S120U	MEO450-12DA
ECF500XTB60D	600	500	4800	1.41	520	250	0.07	XTB	MMF600S060U	MEO500-06DA
ECF550XTB20D	200	550	4800	1.08	520	150	0.07	XTB		MEO550-02DA
ECF600STH120D	1200	600	5800	2.50	600	200	0.10	STH		SKKE600F12
ECF150STB170D	1700	150	1800	1.50	150	1020	0.09	STB		SKKE120F17
ECF400STH170D	1700	400	5200	1.50	400	990	0.09	STH		SKKE330F17
ECF600ITH170D	1700	600	6500	2.00	600	990	0.09	ITH	BYM600A170DN2	



Эпитаксиальные диодные модули с накоплением заряда

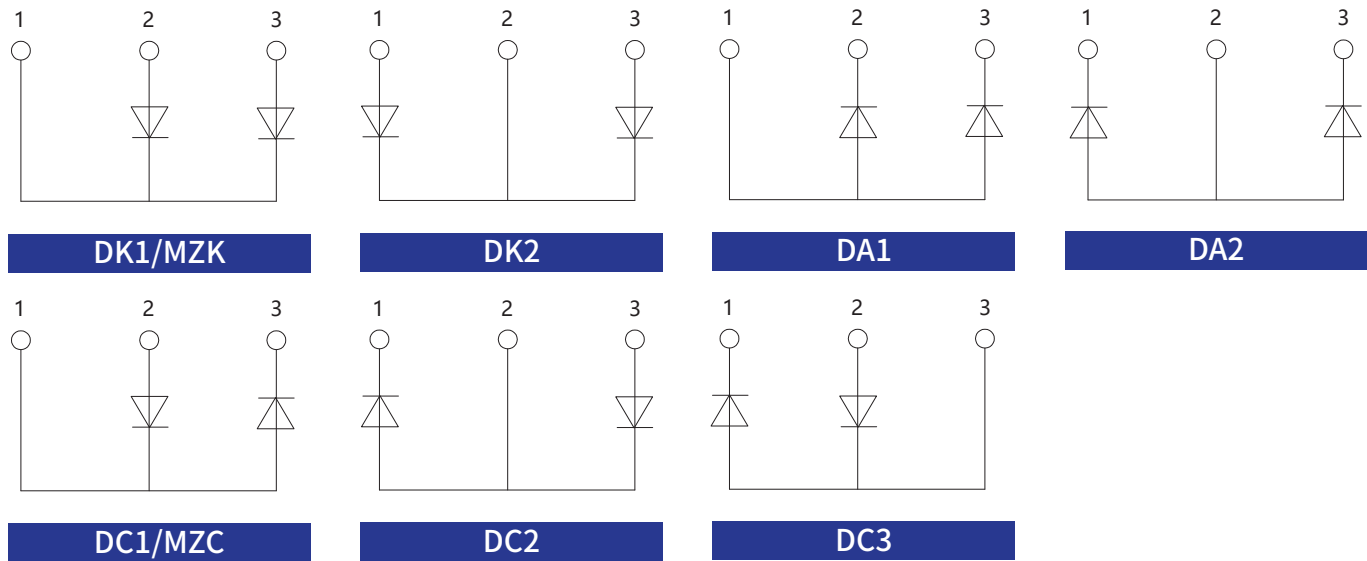
Тип	V _{RRM}	I _{FAV}	I _{FSM}	V _{FM} @ I _{FM}		t _{rr}	R _{thJC}	Исполнение	Соответствие другим производителям	
		d=0.5	10 мс, T _{vj max}			typ	на чип			
	V	A	A	V	A	ns	°C/Вт	Чертеж	MACMIC	Прочие
ECF200N70DK	700	200	700	1.20	100	140	0.34	N	MMF200N070DK	DAC2F100N6S
ECF200N120DK	1200	200	1200	1.77	100	150	0.44	N	MMF200N120DK	DA2F100N12S
ECF150STB60DK2	600	150	1500	1.25	150	95	0.30	STB	MMF150S060DK	
ECF200STB60DK2	600	200	2000	1.15	200	140	0.18	STB	MMF200S060DK	SKMD205F06
ECF300STB60DK2	600	300	3000	1.10	300	165	0.15	STB	MMF300S060DK	
ECF150STB60DK1	600	150	1500	1.25	150	95	0.30	STB	MMF150S060DK2B	
ECF200STB60DK1	600	200	2000	1.15	200	140	0.18	STB	MMF200S060DK2B	
ECF300STB60DK1	600	300	3000	1.10	300	165	0.15	STB	MMF300S060DK2B	
ECF400STB60DK1	600	400	4000	1.30	400	162	0.11	STB	MMF400S060DK2B	
ECMZK150TS60S	600	150	1500	1.25	150	95	0.30	TS		MZK150TS60S
ECMZK200TS60S	600	200	2000	1.15	200	140	0.18	TS		MZK200TS60S
ECMZK300TS60S	600	300	3000	1.10	300	165	0.15	TS		MZK300TS60S
ECMZK400TS60S	600	400	4000	1.30	400	200	0.11	TS		MZK400TS60S
ECF150STB120DK2	1200	150	1500	1.60	150	145	0.22	STB	MMF150S120DK	
ECF200STB120DK2	1200	200	1800	2.30	200	110	0.22	STB	MMF200S120DK	SKMD150F12
ECF300STB120DK2	1200	300	2700	2.80	300	135	0.14	STB	MMF300S120DK	
ECF150STB120DK1	1200	150	1500	1.60	150	145	0.22	STB	MMF150S120DK2B	
ECF200STB120DK1	1200	200	1800	2.30	200	110	0.22	STB	MMF200S120DK2B	
ECF300STB120DK1	1200	300	2700	2.80	300	135	0.14	STB	MMF300S120DK2B	
ECMZK150TS120S	1200	150	1500	1.60	150	145	0.22	TS		MZK150TS120S
ECMZK200TS120S	1200	200	1800	2.30	200	110	0.22	TS		MZK200TS120S
ECMZK300TS120S	1200	300	2700	2.80	300	135	0.14	TS		MZK300TS120S
ECMZK400TS120S	1200	400	3800	3.00	400	180	0.14	TS		MZK400TS120S
ECF150XTA40DK1	400	150	1200	1.40	150	300	0.35	XTA		MEK150-04DA
ECF100XTA60DK1	600	100	1200	1.36	100	250	0.45	XTA		MEK95-06DA
ECF100XTA120DK1	1200	100	1200	1.85	100	250	0.45	XTA		MEK75-12DA
ECF300XTB60DK2	600	300	2400	1.19	300	250	0.14	XTB		MEK300-06DA
ECF300XTB120DK2	1200	300	2400	1.54	300	450	0.14	XTB		MEK250-12DA
ECF400XTB20DK2	200	400	2400	0.92	400	150	0.14	XTB		MEK350-02DA
ECF600XTB40DK2	400	600	3000	1.10	400	220	0.14	XTB		MEK600-04DA
ECF200XFA12DK	1200	200	1800	2.30	200	110	0.22	XFA		PSMD200E12

Эпитаксиальные диодные модули с накоплением заряда

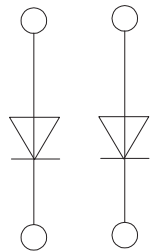
Тип	V _{RRM}	I _{FAV}	I _{FSM}	V _{FM} @ I _{FM}		t _{rr}	R _{thJC}	Исполнение	Соответствие другим производителям	
		d=0.5	10мс, T _{vj max}			typ	на чип			
	V	A	A	V	A	ns	°C/Вт	Чертеж	MACMIC	Прочие
ECF100STB170DK2	1700	100	1000	1.80	100	500	0.22	STB	MMF100S170DK	
ECF200STB170DK2	1700	200	2000	1.80	200	750	0.14	STB	MMF200S170DK	
ECF200N70DA	700	200	700	1.20	100	140	0.34	N	MMF200N070DA	DAC2F100P6S
ECF200N120DA	1200	200	1200	1.77	100	150	0.44	N	MMF200N120DA	DA2F100P12S
ECF150STB60DA2	600	150	1500	1.25	150	95	0.30	STB	MMF150S060DA	
ECF200STB60DA2	600	200	2000	1.15	200	140	0.18	STB	MMF200S060DA	SKND205F06
ECF300STB60DA2	600	300	3000	1.10	300	165	0.15	STB	MMF300S060DA	
ECF150STB120DA2	1200	150	1500	1.60	150	145	0.22	STB	MMF150S120DA	SKND150F12
ECF200STB120DA2	1200	200	1800	2.30	200	110	0.22	STB	MMF200S120DA	
ECF300STB120DA2	1200	300	2700	2.80	300	135	0.14	STB	MMF300S120DA	
ECF300STB120DA1	1200	300	2700	2.80	300	135	0.14	STB	MMF300S120DA2B	
ECF100XTA60DA1	600	100	1200	1.36	100	250	0.45	XTA		MEA95-06DA
ECF100XTA120DA1	1200	100	1200	1.85	100	250	0.45	XTA		MEA75-12DA
ECF300XTB60DA2	600	300	2400	1.19	300	250	0.14	XTB		MEA300-06DA
ECF300XTB120DA2	1200	300	2400	1.54	300	450	0.14	XTB		MEA250-12DA
ECF200XFA12DA	1200	200	1800	2.30	200	110	0.22	XFA		PSND200E12
ECF100STB170DA2	1700	100	1000	1.80	100	500	0.22	STB	MMF100S170DA	
ECF200STB170DA2	1700	200	2000	1.80	200	750	0.14	STB	MMF200S170DA	
ECF100STB170DA1	1700	100	1000	1.80	100	500	0.14	STB	MMF100S170DA2B	
ECF200STB170DA1	1700	200	2000	1.80	200	750	0.22	STB	MMF200S170DA2B	
ECF300STB170DA1	1700	300	2700	1.80	300	135	0.14	STB	MMF300S170DA2B	
ECMZC150TS60S	600	150	1500	1.25	150	95	0.30	TS		MZC150TS60S
ECMZC200TS60S	600	200	2000	1.15	200	140	0.18	TS		MZC200TS60S
ECMZC300TS60S	600	300	3000	1.10	300	165	0.15	TS		MZC300TS60S
ECMZC400TS60S	600	400	4000	1.30	400	200	0.11	TS		MZC400TS60S
ECF150STB60DC1	600	150	1500	1.25	150	95	0.30	STB	MMF150S060B	
ECF200STB60DC1	600	200	2000	1.15	200	140	0.18	STB	MMF200S060B	SKKD205F06
ECF300STB60DC1	600	300	3000	1.10	300	165	0.15	STB	MMF300S060B	
ECF150STB120DC1	1200	150	1500	1.60	150	145	0.22	STB	MMF150S120B	SKKD150F12
ECF200STB120DC1	1200	200	1800	2.30	200	110	0.22	STB	MMF200S120B	SKKD170F12
ECF300STB120DC1	1200	300	2700	2.80	300	135	0.14	STB	MMF300S120B	

Эпитаксиальные диодные модули с накоплением заряда

Тип	V _{RRM}	I _{FAV}	I _{FSM}	V _{FM} @ I _{FM}		t _{rr}	R _{thJC}	Исполнение	Соответствие другим производителям	
		d=0.5	10 мс, T _{vj} max			typ	на чип			
	V	A	A	V	A	ns	°C/Вт	Чертеж	MACMIC	Прочие
ECF150STB120DC2	1200	150	1500	1.60	150	145	0.22	STB	MMF150S120B2B	
ECF200STB120DC2	1200	200	1800	2.30	200	110	0.22	STB	MMF200S120B2B	
ECF300STB120DC2	1200	300	2700	2.80	300	135	0.14	STB	MMF300S120B2B	
ECF100XTA60DC1	600	100	1200	1.36	100	250	0.45	XTA		MEE95-06DA
ECF100XTA120DC1	1200	100	1200	1.85	100	250	0.45	XTA		MEE75-12DA
ECF300XTB60DC3	600	300	2400	1.19	300	250	0.14	XTB		MEE300-06DA
ECF300XTB120DC3	1200	300	2400	1.54	300	450	0.14	XTB		MEE250-12DA
ECMZC150TS120S	1200	150	1500	1.60	150	145	0.22	TS		MZC150TS120S
MZC200TS120SEC	1200	200	1800	2.30	200	110	0.22	TS		MZC200TS120S
ECMZC300TS120S	1200	300	2700	2.80	300	135	0.14	TS		MZC300TS120S
ECMZC400TS120S	1200	400	3800	3.00	400	180	0.14	TS		MZC400TS120S
ECF100STB170DC1	1700	100	1000	1.80	100	500	0.22	STB	MMF100S170B	SKKD60F17
ECF200STB170DC1	1700	200	2000	1.80	200	750	0.14	STB	MMF200S170B	
ECF300ITK170DC1	1700	300	3000	2.00	300	500	0.14	ITK	MMF300D170B1B	BYM300B170DN2
ECF100STB170DC2	1700	100	1000	1.80	100	500	0.22	STB	MMF100S170B2B	
ECF200STB170DC2	1700	200	2000	1.80	200	750	0.14	STB	MMF200S170B2B	
ECF300ITK170DC2	1700	300	3000	2.00	300	500	0.14	ITK	MMF300D170B2B	
ECF400ITK170DC2	1700	300	3200	1.95	400	2000	0.10	ITK	MMF400D170B2B	



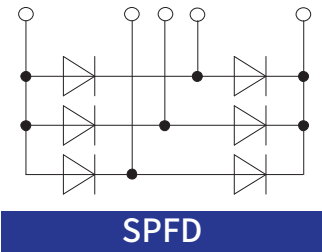
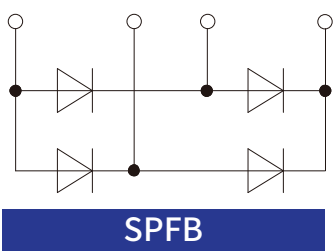
Эпитаксиальные диодные модули с накоплением заряда



Тип	V _{RRM}	I _{FAV}	T _C	I _{FSM}	V _{FM} @ I _{FM}		R _{thJC}	Исполнение	Соответствие другим производителям	
		d=0.5		10 мс, T _{vj} max			на чип			
	V	A	°C	A	V	A	°C/Вт	Чертеж	IXYS	POWERSEM
ECF2X61-06P	600	60	85	550	1.50	60	0.70	XWA	DSEI2X61-06P	PSEI 2X61/06
ECF2X61-12P	1200	60	85	450	2.15	60	0.70	XWA	DSEI2X61-12P	PSEI 2X61/12
ECF2X101-06P	600	100	85	1200	1.17	100	0.50	XWB	DSEI2X101-06P	PSEI 2X101/06
ECF2X101-12P	1200	100	85	900	1.61	100	0.50	XWB	DSEI2X101-12P	PSEI 2X101/12
ECF2X161-06P	600	150	85	1200	1.40	150	0.29	XWB	DSEI2X161-06P	PSEI 2X161/06
ECF2X161-12P	1200	150	85	1200	1.75	150	0.29	XWB	DSEI2X161-12P	PSEI 2X161/12

Диодные мосты с накоплением заряда

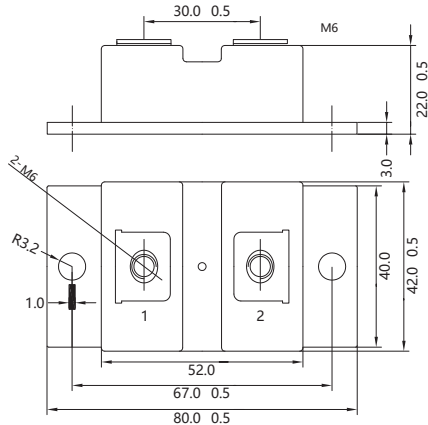
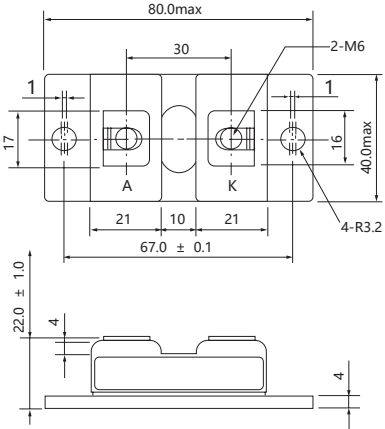
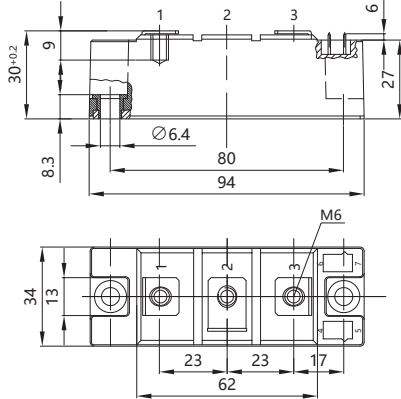
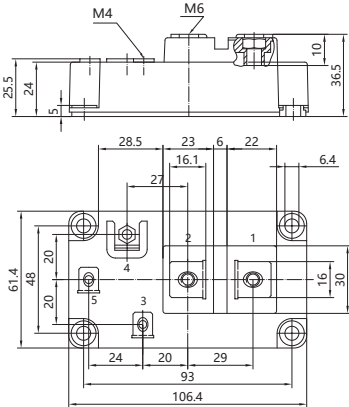
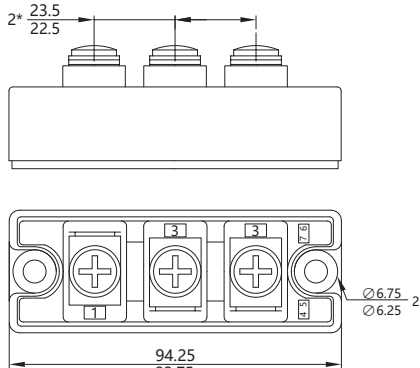
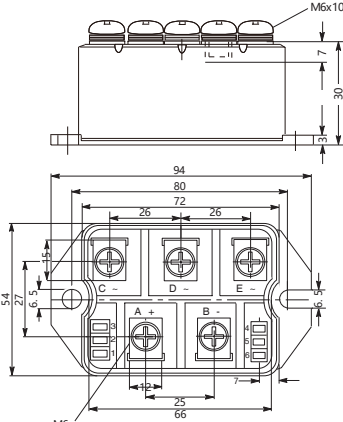
Тип	V _{RRM}	I _{FAV}	T _C	I _{FSM}	V _{FM} @ I _{FM}		R _{thJC}	Исполнение	Соответствие другим производителям	
		d=0.5		10мс, T _{vj} max			на чип			
	V	A	°C	A	V	A	°C/Вт	Чертеж	IXYS	POWERSEM
ECFB55XWA06	600	68	100	250	0.98	68	0.9	XWA	VBE55-06NO7	PSB71F/06
ECFB55XWA12	1200	59	85	200	1.31	59	0.9	XWA	VBE55-12NO7	PSB71F/12
ECFB100XWB06	600	100	85	600	1.09	100	0.8	XWB	VBE100-06NO7	PSB100F/06
ECFB100XWB12	1200	100	75	500	1.07	100	0.8	XWB	VBE100-12NO7	PSB100F/12
ECFD75XWA06	600	86	100	250	0.98	86	0.9	XWA	VUE75-06NO7	PSD91F/06
ECFD75XWA12	1200	74	85	200	1.31	74	0.9	XWA	VUE75-12NO7	PSD91F/12
ECFD130XWB06	600	130	85	600	1.09	130	0.8	XWB	VUE130-06NO7	PSD150F/06
ECFD130XWB12	1200	130	70	500	1.07	130	0.8	XWB	VUE130-12NO7	PSD150F/12



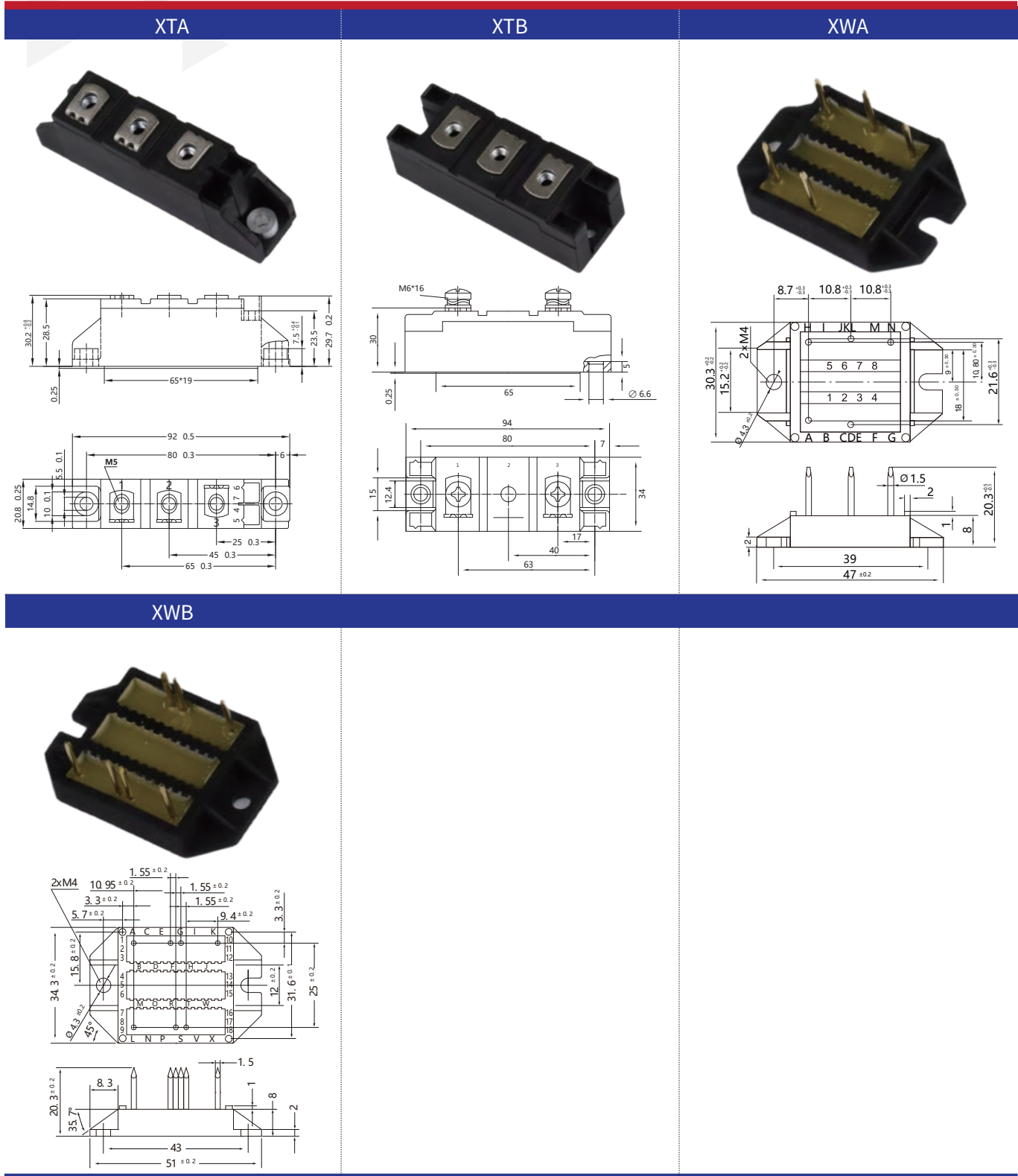
Габаритно-монтажные чертежи

[illegible]

Габаритно-монтажные чертежи

MBA	RBA	STB
 	 	 
STH	TS	XFA
 	 	 

Габаритно-монтажные чертежи



Прочие компоненты

Тип	V _{DRM} V _{RRM}	I _{TAV} I _{FAV}	T _C	I _{FSM}	V(T ₀)	Исполнение	Соответствие другим производителям	
		при T _C		45°C 10 мс	при T _{vj} max			
	V	A	°C	A	V	Чертеж		SEMIKRON
EC35TAA16	800~1600	35	85	380	1.2	SWB		SK35TAA16
EC55TAA16	800~1600	55	85	900	0.8	SWB		SK55TAA16
EC75TAA16	800~1600	75	85	1500	0.6	SWB		SK75TAA16
EC100TAA16	800~1600	100	85	2000	0.45	SWB		SK100TAA16
EC75TAE16	800~1600	75	85	1250	0.85	SWB		SK75TAE16
EC25WT16	800~1600	25	85	280	1.1	SWB		SK25WT16
EC45WT16	800~1600	45	85	380	1	SWB		SK45WT16
EC70WT16	800~1600	70	85	900	1	SWC		SK70WT16
EC100WT16	800~1600	100	85	1350	0.9	SWC		SK100WT16
EC45KQ16	800~1600	45	85	380	1	SWA		SK45KQ16
EC70KQ16	800~1600	70	85	900	1	SWA		SK70KQ16
EC100KQ16	800~1600	100	85	1350	0.9	SWB		SK100KQ16
SP120KQ16	800~1600	120	85	1800	0.9	SWB		SK120KQ16
EC45STA16	800~1600	45	85	380	1	SWC		
EC25TU16	800~1600	25	85	280	1.1	SWC		SK25UT16
EC45TU16	800~1600	45	85	380	1	SWC		SK45UT16
EC30DTA16	800~1600	25	85	900	1	SWC		SK30DTA16
EC60DTA16	800~1600	60	85	1350	0.9	SWC		SK60DTA16
EC80DTA16	800~1600	75	85	1800	0.9	SWC		SK80DTA16
ECSK50B16	800~1600	50	85	270	0.8	SWB		
ECSK70B16	800~1600	70	85	440	0.8	SWB		
ECSK100B16	800~1600	100	85	890	0.83	SWB		
ECSK55D16	800~1600	50	85	200	0.8	SWB		
ECSK70D16	800~1600	70	85	270	0.8	SWB		
ECSK95D16	800~1600	95	85	550	0.8	SWB		
EC40DH16	800~1600	40	85	280	1.1	SWC		SK70DT16
EC70DH16	800~1600	70	85	380	1	SWC		SK70DT16
EC40DT16	800~1600	40	85	280	1.1	SWC		SK70DT16
EC70DT16	800~1600	70	85	380	1	SWC		SK70DT16
ECP405W	800~1600	40	85	325	1		P405W	
ECPD100KN16	800~1600	100	85	2000	0.8		PD100KN16	

LOOK FORWARD TO THE FUTURE

Мировой лидер в разработке и производстве электронных устройств и поставщик инновационных решений в области силовой электроники.

Помогая своим клиентам, мы улучшаем качество жизни людей.