

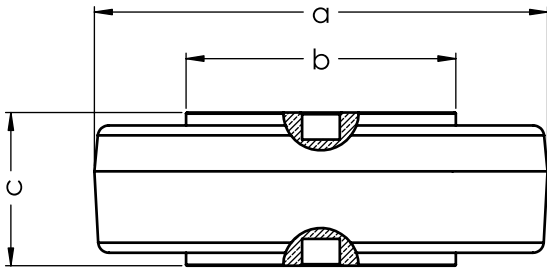
Discretes / Diodes / Capsules

Type	Voltage (V)	Current (A)	T _C	I _{FSM} @T _J =25°C	V _F	R _{th(j-a)} per chip	T _J	Case	Circuit
	V	A	°C	A	V	K/W	°C		
SKN 503 SG ¹⁾	400-2200	503	120	7000	1.50	0.075	-40 ... +180	E25	
SKN 1503 SG ¹⁾	400-2200	1503	91	19000	1.50	0.033	-40 ... +175	E26	
SKN 1603 ¹⁾	400-2200	1603	91	19000	1.50	0.03	-40 ... +175	E27	
SKN 6000	200-600	6000	85	60000	1.30	0.012	-40 ... +180	E35	

Footnotes: 1) Sample status

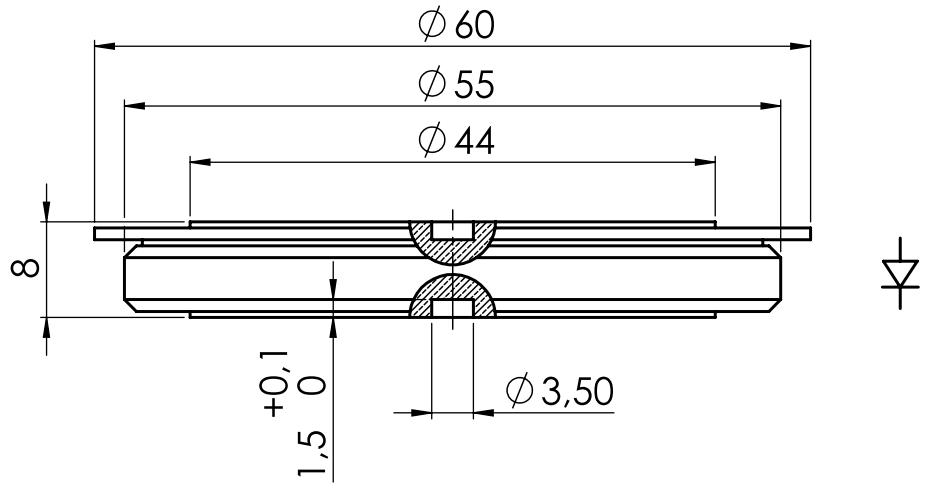
Cases

E25, E26, E27



Cases	a	b	c
E25	42	25	14,5
E26	58	36	26,5
E27	50	32	14,5

E35



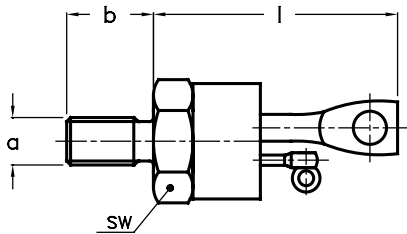
Dimensions in mm

Discretes / Thyristors / Stud Screw Fit

Type	Voltage (V)	Current (A)	T _C	I _{FSM} @T _J =25°C	V _T @ I _p T _J =25°C	I _T @V _T	R _{th(j-a)} per chip	T _J	Case	Circuit
	V	A	°C	A	V	A	K/W	°C		
SKT 10	600-1200	10	111	250	1.6	30	1.3	-40 ... +130	B1	
SKT 16	400-1800	16	104	370	2.4	75	0.9	-40 ... +130	B2	
SKT 24	400-1800	24	95	450	1.9	75	0.9	-40 ... +130	B2	
SKT 40	400-1800	40	80	700	1.95	120	0.66	-40 ... +130	B3	
SKT 50	600-1800	50	78	1050	1.8	120	0.6	-40 ... +130	B3	
SKT 55	400-1800	55	92	1300	1.8	200	0.47	-40 ... +130	B5	
SKT 80	600-1800	80	85	1700	2.25	300	0.28	-40 ... +130	B5	
SKT 100	400-1800	100	85	2000	1.75	300	0.28	-40 ... +130	B5	
SKT 130	400-1600	130	85	3500	2.25	500	0.18	-40 ... +130	B6	
SKT 160	400-1600	160	84	4300	1.75	500	0.18	-40 ... +130	B6	
SKT 250	400-1600	250	85	7000	1.65	800	0.123	-40 ... +130	B7	
SKT 300	400-1600	300	93	11000	1.45	800	0.096	-40 ... +130	B7	

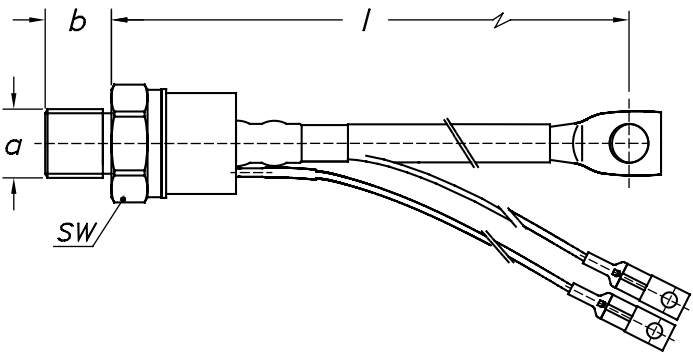
Cases

B1 ... B3



Cases	a	b	l	SW
B1	M5	11	20,3	11
B2	M6	11	30	14
B3	M8	11	33,5	17

B5 ... B7



Cases	a	b	l	SW
B5	M12	18	160	24
B6	M16 x 1,5	20	190	32
B7	M24 x 1,5	20	230	41

Dimensions in mm

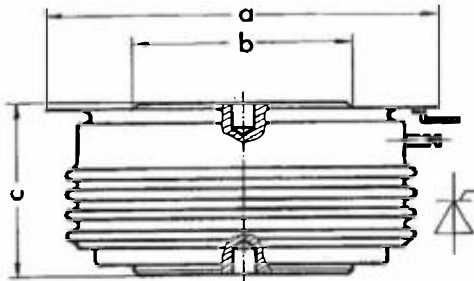
Discretes / Thyristors / Capsules

Type	Voltage (V)	Current (A)	T _c	I _{SM} @T _J =25°C	V _I @ I _p , T _J =25°C	I _T @V _T	R _{th(j-a)} per chip	T _J	Case	Circuit
	V	A	°C	A	V	A	K/W	°C		
SKT 340	1200-1800	340	82	5700	1.9	1000	0.072	-40 ... +125	B8	
SKT 551	1200-1800	550	85	9000	1.65	1500	0.047	-40 ... +125	B11	
SKT 553 SG 1)	400-1800	554	85	9000	1.65	1500	0.045	-40 ... +125	B11b	
SKT 760	1200-1800	760	80	15000	1.65	2400	0.04	-40 ... +125	B10	
SKT 813 1)	400-1800	855	85	15000	1.65	2400	0.03	-40 ... +125	B21	
SKT 883 1)	400-1800	890	85	19000	1.46	2400	0.032	-40 ... +125	B23	
SKT 1200	1200-1800	1200	85	30000	1.65	3600	0.021	-40 ... +125	B14	

Footnotes: 1) Sample status

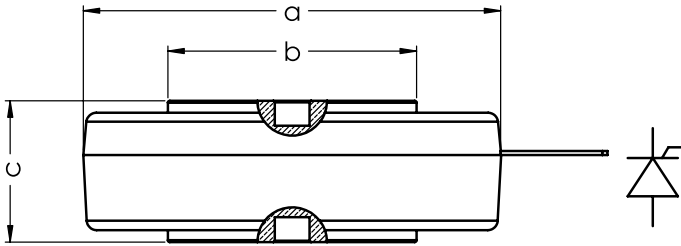
Cases

B8 ... B14



Cases	a	b	c
B 8	41	19	14
B 10	57,3	34	26
B 11	41	25	14
B 14	73	47	26

B11b, B21, B23



Cases	a	b	c
B11b	42	25	14,5
B21	50	32	14,5
B23	58	36	26,5

Dimensions in mm



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