

Bridge Rectifiers

MBS

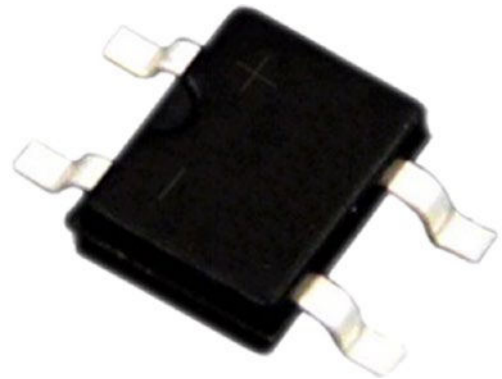


FEATURES:

- High Surge Current Capability
- Designed for Surface Mount Application
- Glass Passivated Chip Junction

SPECIFICATION:

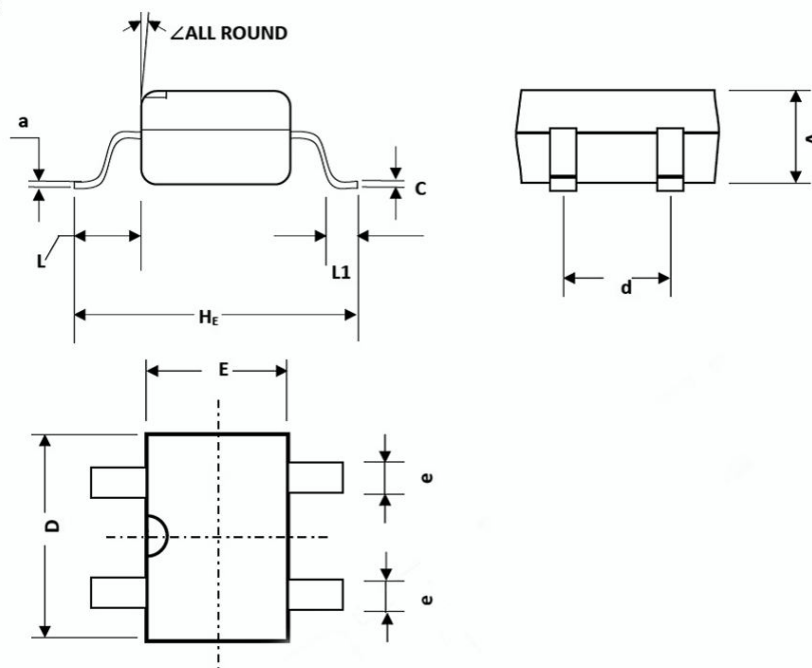
Average conducting-state current max.	0.5 A
Peak conducting-state current	20 A
Housing type	MBS
Operating temperature	-55...+150 °C
Pitch	2.5 mm
Connection	SMA



PRODUCT RANGE:

Art. Nr.	Peak off-state voltage
RND MB1S-05AT	100 V
RND MB2S-05AT	200 V
RND MB6S-05AT	600 V
RND MB8S-05AT	800 V

MBS



MBS mechanical data

UNIT		A	C	D	E	H _E	d	e	L	L ₁	a	∠
mm	max	2.6	0.22	5.0	4.1	7.0	2.7	0.7	1.7	1.1	0.2	7°
	min	2.2	0.15	4.5	3.6	6.4	2.3	0.5	1.3	0.5	—	
mil	max	102	8.7	197	161	276	106	28	67	43	8	
	min	94	5.9	177	142	252	91	20	51	20	—	

Fig.1 Average Rectified Output Current Derating Curve

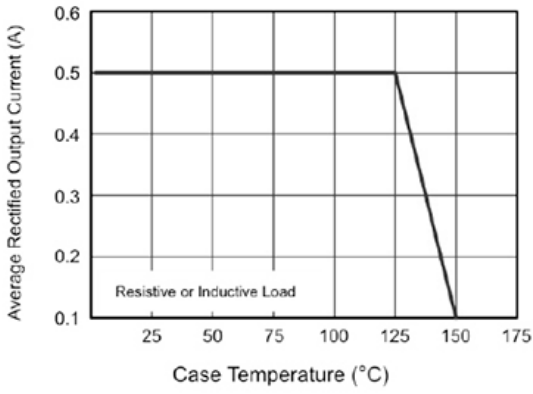


Fig.2 Typical Reverse Characteristics

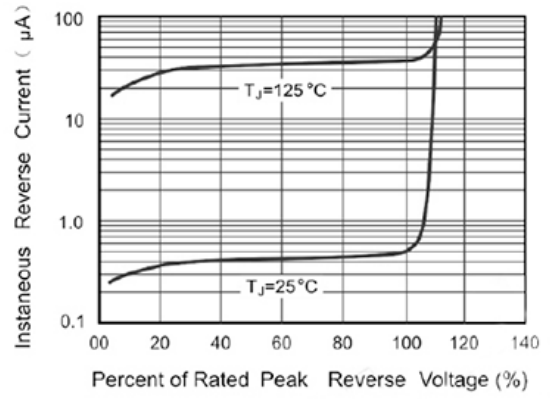


Fig.3 Typical Instantaneous Forward Characteristics

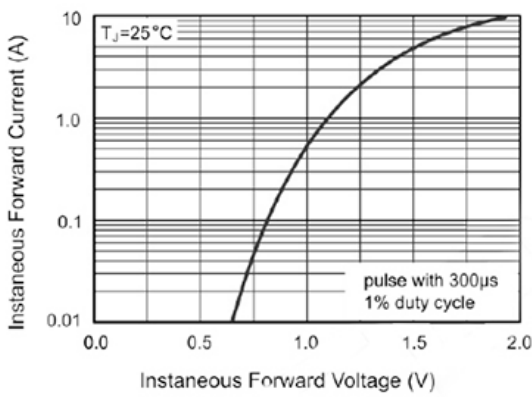


Fig.4 Typical Junction Capacitance

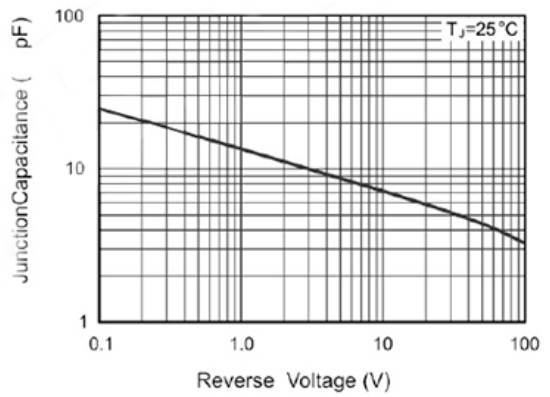


Fig.5 Maximum Non-Repetitive Peak Forward Surge Current

