

MAXIMUM RATINGS AND ELECTRICAL CHARACTERISTICS

Ratings at 25°C ambient temperature unless otherwise specified. Resistive or inductive load.

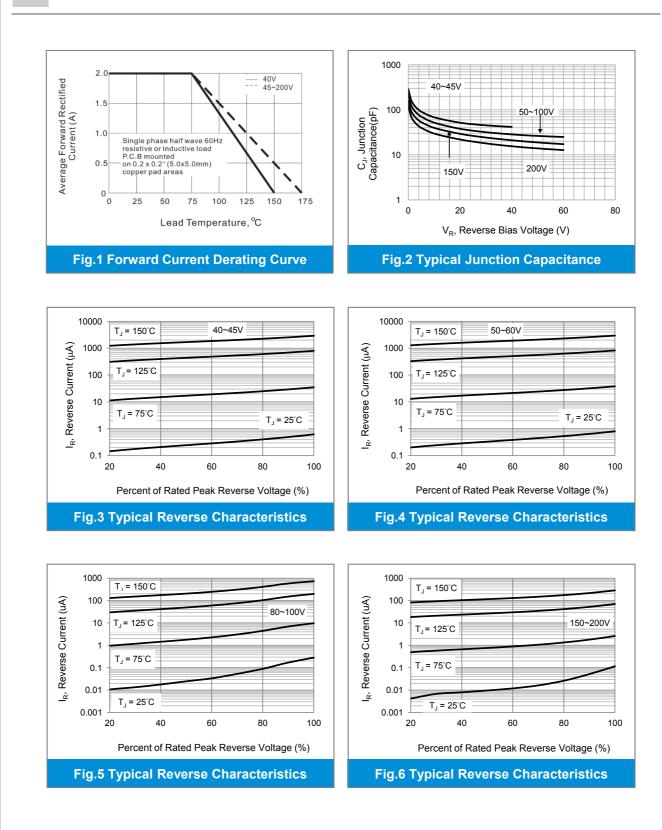
PARAMETER	SYMBOL	MB24	MB24A	MB25	MB26	MB28	MB29	MB210	MB215	MB220	UNITS
Maximum Recurrent Peak Reverse Voltage	V _{RRM}	40	45	50	60	80	90	100	150	200	v
Maximum RMS Voltage	V _{RMS}	28	31.5	35	42	56	63	70	105	140	V
Maximum DC Blocking Voltage	V _{DC}	40	45	50	60	80	90	100	150	200	V
Maximum Average Forward Current	I _{F(AV)}					2					А
Peak Forward Surge Current : 8.3ms single half sine-wave superimposed on rated load	I _{FSM}					50					А
Maximum Forward Voltage at 2A (Note 1)	V _F	0.	.7	0.	74		0.8		0	.9	v
Maximum DC Reverse Current at Rated DC Blocking Tj=25°C Voltage	I _R	0.05				mA					
Maximum DC Reverse Current at Rated DC Blocking T_=100°. Voltage	C I _R	20 1				mA					
Typical Thermal Resistance (Note 2)	R _{ejl}					12					°C/W
Operating Junction and Storage Temperature Range	T _J ,T _{stg}	-55 to +150 -55 to +175				°C					

NOTES :

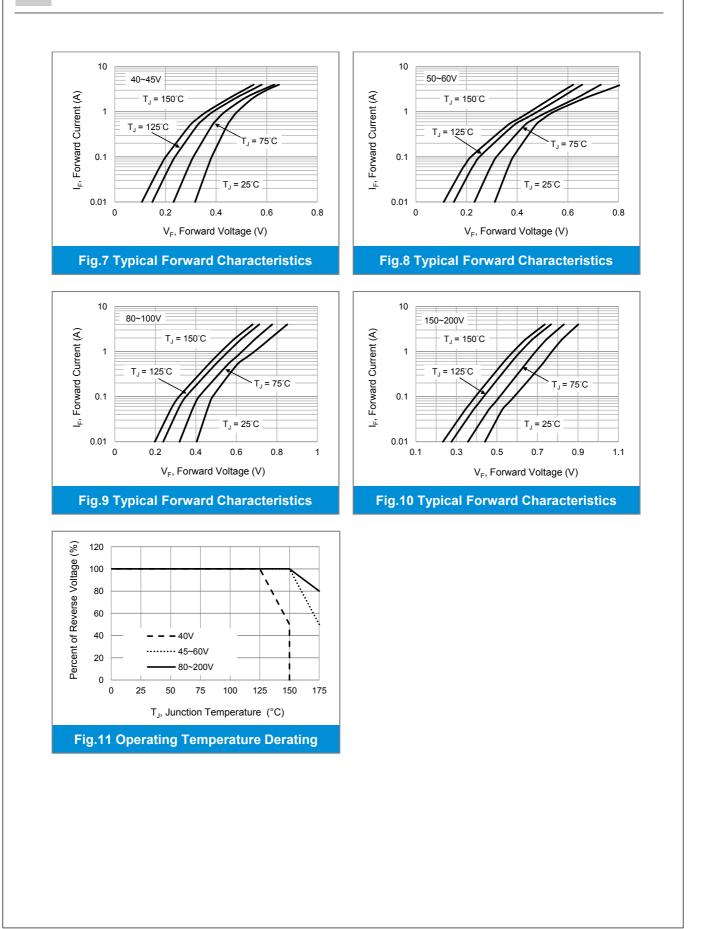
1. Pulse Test with PW =300µsec, 1% Duty Cycle.

2. Mounted on P.C. Board with 8mm^2 (0.013mm thick) copper pad areas.











MB24~MB220 MOUNTING PAD LAYOUT SMB / DO-214AA Unit : inch(mm) 0.250 (6.34) 0.069 0.090 (1.76)(2.29)0.107 (2.72)

ORDER INFORMATION

Packing information
 T/R - 3K per 13" plastic Reel

T/R - 0.8K per 7" plastic Reel



Part No._packing code_Version

MB24_R1_00001 MB24_R2_00001

For example :

RB500V-40_R2_00001
Part No.

Serial number

Version code means HF

- Packing size code means 13"
- Packing type means T/R

Packing Code XX					Version Code XXXXX				
Packing type	1 st Code	Packing size code	2 nd Code	HF or RoHS	1 st Code	2 nd ~5 th Code			
Tape and Ammunition Box (T/B)	Α	N/A	0	HF	0	serial number			
Tape and Reel (T/R)	R	7"	1	RoHS	1	serial number			
Bulk Packing (B/P)	В	13"	2						
Tube Packing (T/P)	т	26mm	X						
Tape and Reel (Right Oriented) (TRR)	S	52mm	Y						
Tape and Reel (Left Oriented) (TRL)	L	PANASERT T/B CATHODE UP (PBCU)	U						
FORMING	F	PANASERT T/B CATHODE DOWN (PBCD)	D						



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