

MAXIMUM RATINGS AND ELECTRICAL CHARACTERISTICS

Ratings at 25°C ambient temperature unless otherwise specified. For capacitive load, derate current by 20%.

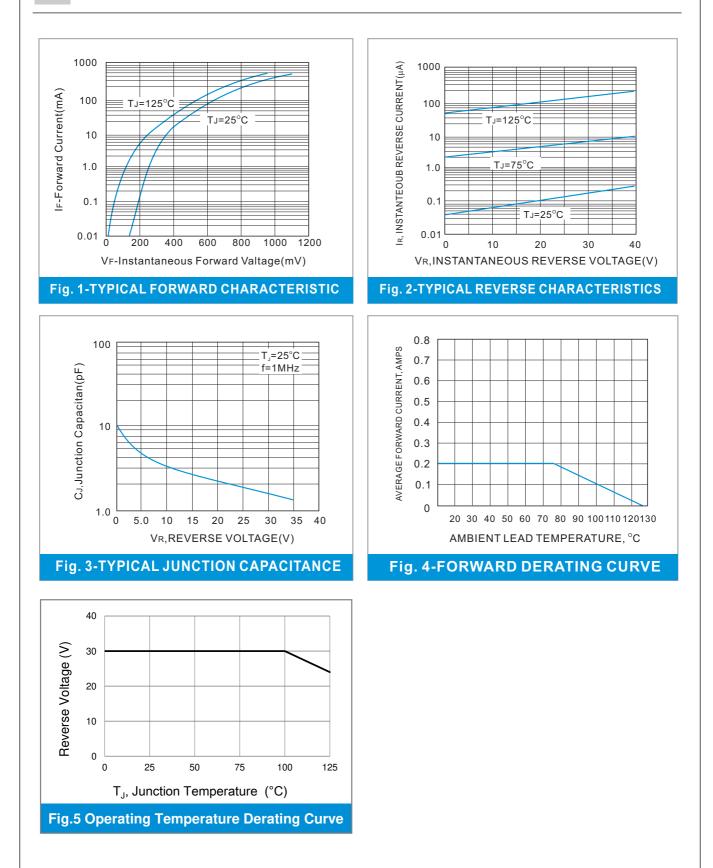
PARAMETER	SYMBOL	BAT42W	BAT43W	UNITS
Marking Code	-	L2	L3	-
Maximum Recurrent Peak Reverse Voltage	VRRM	3	v	
Maximum RMS Voltage	VRMS	2	v	
Maximum DC Blocking Voltage	VDC	3	v	
Maximum Average Forward Current at TA=25°C	I F(AV)	0	А	
Peak Forward Surge Current, 1.0ms single half sine-wave superimposed on rated load	I FSM	4.0		A
Maximum Instantaneous Forward Voltage	VF	0.4 / 10mA 1.0 / 200mA	0.33 / 2.0mA 1.0 / 200mA	V
Maximum DC Reverse Current at Rated DC Blocking Voltage	IR	0.5		μΑ
Maximum Thermal Resistance	Reja	6	°C / W	
Operating Junction and Storage Temperature Range	Тј,Тѕтс	-55 to +125		°C

Note : 1.CJ at VR=1, f=1MHz

2.Mounted on FR-4 boad with recommded pad layout

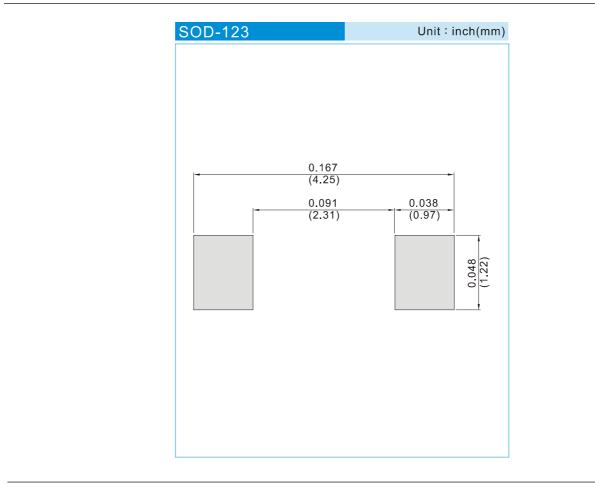








MOUNTING PAD LAYOUT

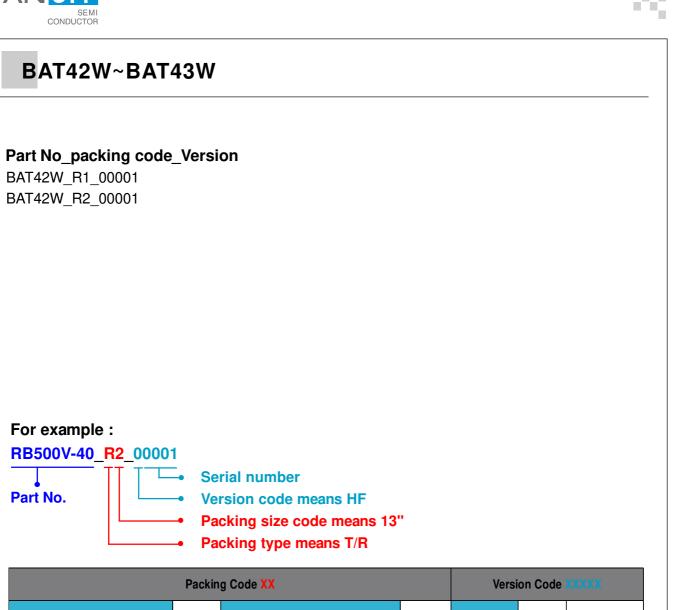


ORDER INFORMATION

Packing information
T/R - 10K per 13" plastic Reel

T/R - 3K per 7" plastic Reel





Packing type	1 st Code	Packing size code	2 nd Code	HF or RoHS	1 st Code	2 ^{nd~5th 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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