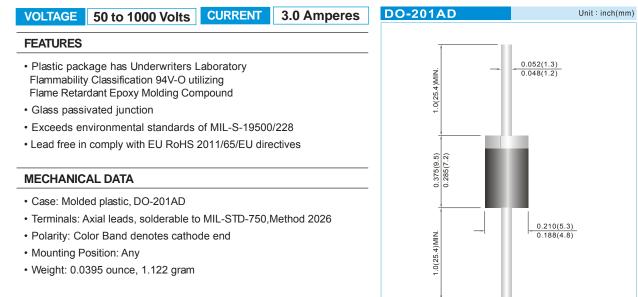


### **GLASS PASSIVATED JUNCTION PLASTIC RECTIFIER**



### MAXIMUM RATINGS AND ELECTRICAL CHARACTERISTICS

Ratings at 25°C ambient temperature unless otherwise specified. Single phase, half wave, 60 Hz, resistive or inductive load. For capacitive load, derate current by 20%.

PARAMETER	SYMBOL	PG5400	PG5401	PG5402	PG5403	PG5404	PG5405	PG5406	PG5407	PG5408	UNITS
Maximum Recurrent Peak Reverse Voltage	V <sub>RRM</sub>	50	100	200	300	400	500	600	800	1000	V
Maximum RMS Voltage	V <sub>RMS</sub>	35	70	140	210	280	350	420	560	700	V
Maximum DC Blocking Voltage	V <sub>DC</sub>	50	100	200	300	400	500	600	800	1000	V
Maximum Average Forward Current .375"(9.5mm) lead length		3.0						A			
Peak Forward Surge Current : 8.3ms single half sine-wave superimposed on rated load(JEDEC method)		150						A			
Maximum Forward Voltage at 3.0A	V <sub>F</sub>					1.2					V
Maximum DC Reverse Current at Rated DC T_=25°C Blocking Voltage T_=100°C	I <sub>R</sub>					1.0 100					μA
Typical Junction Capacitance (Note 1)	C」					30					рF
Typical Thermal Resistance (Note 2)		24 19						°C / W			
Operating Junction and Storage Temperature Range		-55 to +150						°C			

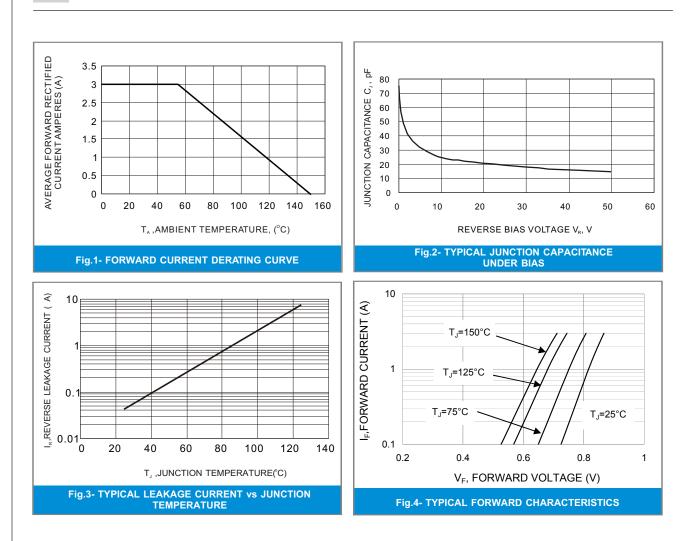
### NOTES:

1. Measured at 1 MHz and applied reverse voltage of 4.0 VDC.

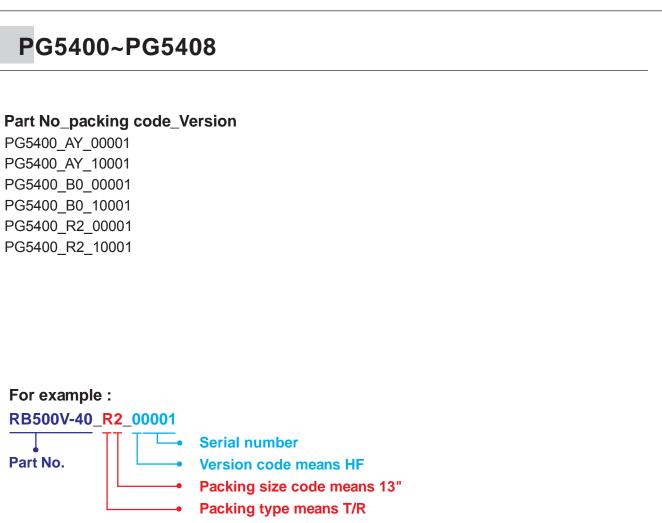
2. Thermal Resistance from Junction to Ambient and from junction to lead at 0.375"(9.5mm)lead length P.C.B.mounted.



# PG5400~PG5408







Packing Code XX					Version Code XXXXX				
Packing type	1 <sup>st</sup> Code	Packing size code	2 <sup>nd</sup> Code	HF or RoHS	1 <sup>st</sup> Code	2 <sup>nd</sup> ~5 <sup>th</sup> 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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