SCHOTTKY BARRIER RECTIFIER

Reverse Voltage - 60 V

Forward Current - 40 A

FEATURES

- Low forward voltage
- High current capability
- High forward surge capability
- Low power losses High efficiency
- Guarding for over voltage protection
- Lead free in comply with EU RoHS 2011/65/EU directives

MECHANICAL DATA

- Case: TO-247/PT TO-247/PTS
- Solder bath temrage

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RATINGS AND CHARACTERISTIC CURVES

FIG.1 MAXIMUM FORWARD CURRENT DERATING CURVE

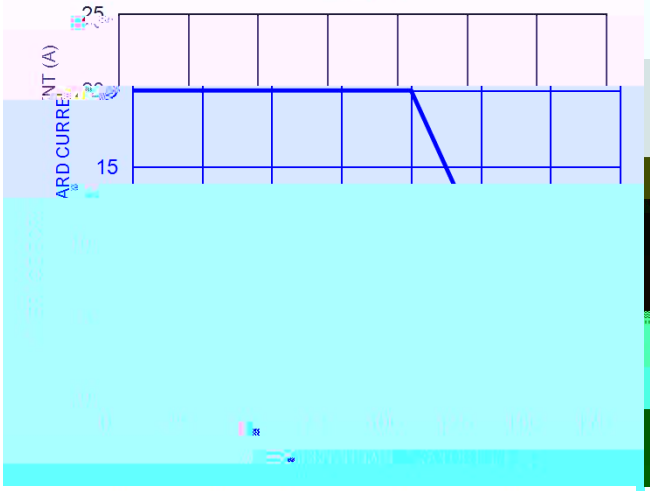


FIG. 2 MAXIMUM NON-REPETITIVE FORWARD SURGE CURRENT PER LEG

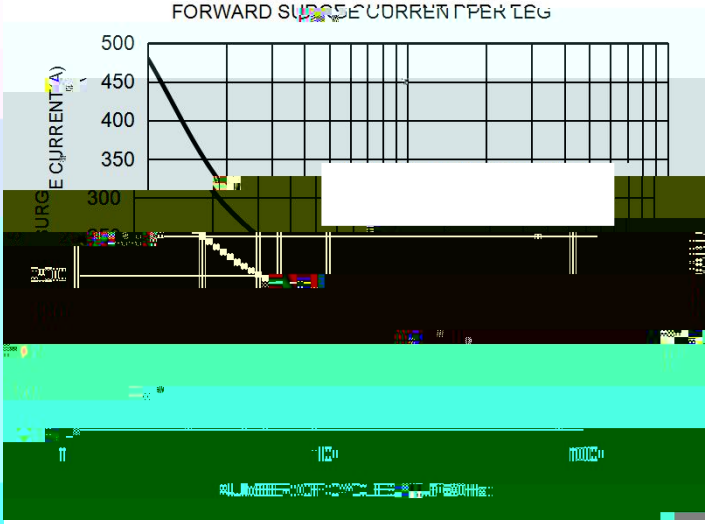


FIG. 3 TYPICAL FORWARD CHARACTERISTICS PER LEG

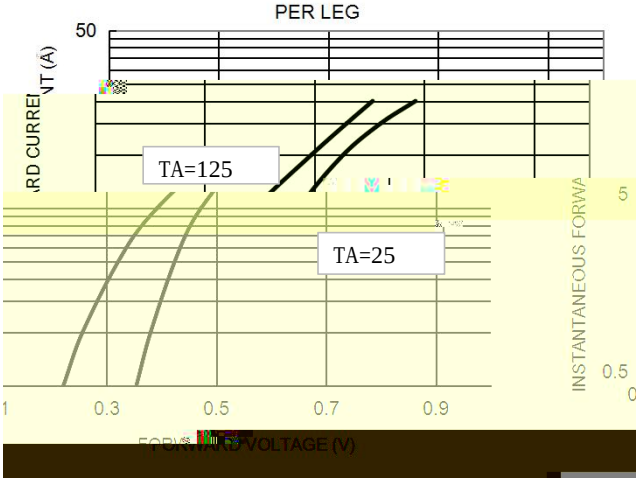
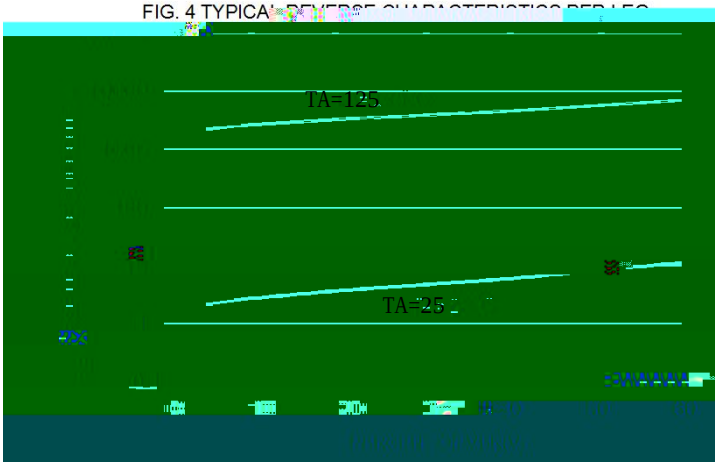


FIG. 4 TYPICAL REVERSE CHARACTERISTICS PER LEG



Marking Diagram

Ordering information

Model name	Package	Unit Weight	Base Quantity	Packing Quantity
PT	TO-247	0.209oz(5.93g)	30pcs/tube	600PCS/Box 2400PCS/Carton

Package Dimensions

TO-247

Symbol	Dimensions in mm		Dimensions in Inch	
	Min.	Max.	Min.	Max.
A	4.90	5.10	0.193	0.201
A1	1.90	2.10	0.075	0.083
A2	2.29	2.54	0.090	0.100
b	1.00	1.40	0.039	0.055
b1	2.00	2.20	0.079	0.087
b2	3.00	3.20	0.118	0.126
c	0.50	0.70	0.020	0.028
D	15.75	16.05	0.620	0.632
E	20.20	20.80	0.795	0.819
e	5.45 (BSC)		0.215 (BSC)	
e1	10.	[illegible]	0	[illegible] (0

Marking Diagram

Ordering information

Model name	Package	Unit Weight	Base Quantity	Packing Quantity

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