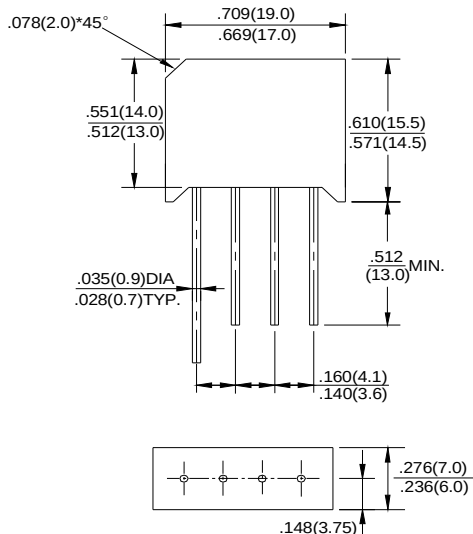


RS201 thru RS207

BRIDGE RECTIFIERS

Voltage Range - 50 to 1000 Volts Current - 2.0 Ampere

RS-2



Dimensions in inches and millimeter

FEATURES

- ◆ Ideal for printed circuit board
- ◆ Surge overload rating -50 amperes peak
- ◆ Glass passivated chip

MECHANICAL DATA

Case: Molded plastic body

Lead: Solder plated

Polarity: As marked

MAXIMUM RATINGS AND ELECTRICAL CHARACTERISTICS

Rating at 25°C ambient temperature unless otherwise specified.

Resistive or inductive load, 60HZ.

For capacitive load, derate current by 20%

CHARACTERISTICS	SYMBOL	RS201	RS202	RS203	RS204	RS205	RS206	RS207	UNIT
Maximum Recurrent Peak Reverse Voltage	VRRM	50	100	200	400	600	800	1000	V
Maximum RMS Voltage	VRMS	35	70	140	280	420	560	700	V
Maximum DC Blocking Voltage	VDC	50	100	200	400	600	800	1000	V
Maximum Average Forward Rectified Current 0.375" (9.5mm) Lead Lengths @ TA=40 °C	I(AV)	2.0							A
Peak Forward Surge Current , 8.3ms Single Half Sine-Wave Super Imposed on Rated Load (JEDEC Method)	IFSM	50							A
Maximum Forward Voltage Drop Per Element at 2.0A Peak	VF	1.1							V
Maximum DC Reverse Current at Rated DC Blocking Voltage TA=25°C TA=100°C	IR	10.0 1.0							uA mA
Operating Temperature Range	TJ	-55 to +150							°C
Storage Temperature Range	TSTG	-55 to +150							°C

Note:1. Measured at 1.0MHz and applied reverse voltage of 4.0V DC.

RATINGS AND CHARACTERISTIC CURVES RS201 thru RS207

FIG.1-DERATING CURVE FOR
OUTPUT RECTIFIED CURRENT

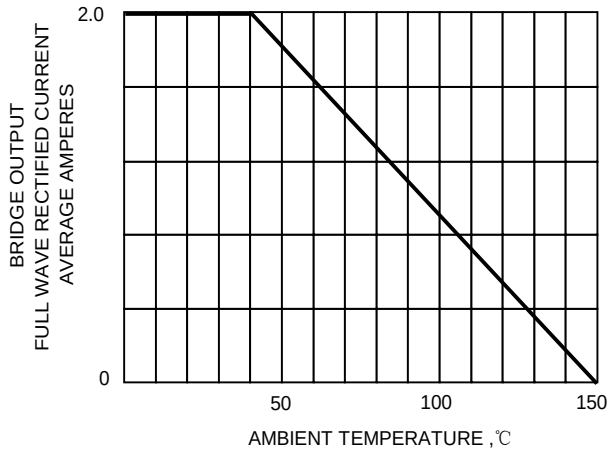


FIG.2-MAXIMUM NON-REPETITIVE PEAK
FORWARD SURGE CURRENT

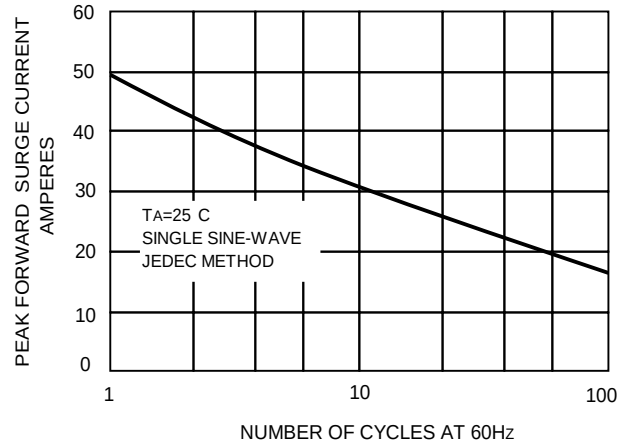


FIG.3-TYPICAL FORWARD CHARACTERISTICS

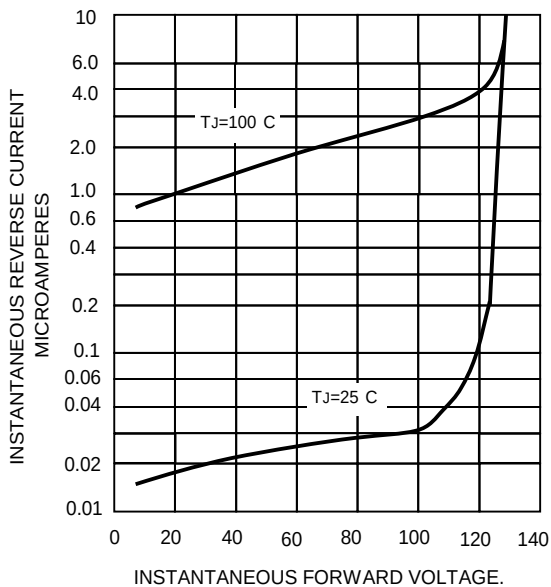


FIG.4-TYPICAL INSTANTANEOUS
FORWARD CHARACTERISTICS

