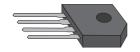
RS401M THRU RS407M



SINGLE PHASE 4.0 AMP BRIDGE RECTIFIERS

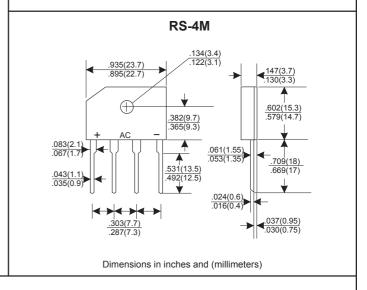


FEATURES

- * Ideal for printed circuit board
- * Low forward voltage
- * Low leakage current
- * Polarity: marked on body
- * Mounting position: Any
- * Weight: 4.0 grams

VOLTAGE RANGE 50 to 1000 Volts CURRENT

4.0 Amperes



MAXIMUM RATINGS AND ELECTRICAL CHARACTERISTICS

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

TYPE NUMBER	RS401M	RS402M	RS403M	RS404M	RS405M	RS406M	RS407M	UNITS
Maximum Recurrent Peak Reverse Voltage	50	100	200	400	600	800	1000	V
Maximum RMS Voltage	35	70	140	280	420	560	700	V
Maximum DC Blocking Voltage	50	100	200	400	600	800	1000	V
Maximum Average Forward Rectified Current								
.375"(9.5mm) Lead Length at Tc=100°C	4.0							Α
Peak Forward Surge Current, 8.3 ms single half sine-wave								
superimposed on rated load (JEDEC method)	200					Α		
Maximum Forward Voltage Drop per Bridge Element at 4.0A D.C.	1.1						V	
Maximum DC Reverse Current Ta=25 ℃	10							μΑ
at Rated DC Blocking Voltage Ta=100 ℃	500							μΑ
Operating Temperature Range, TJ	-65 — +150						°C	
Storage Temperature Range, Tsrs	-65 — +150							°C

RATING AND CHARACTERISTIC CURVES (RS401M THRU RS407M)

FIG.1-TYPICAL FORWARD CURRENT DERATING CURVE

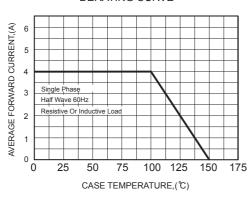


FIG.2-MAXIMUM NON-REPETITIVE FORWARD SURGE CURRENT

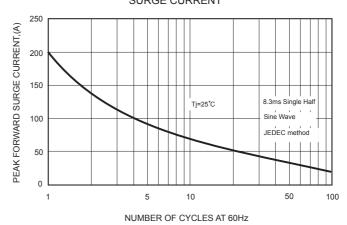


FIG.3-TYPICAL FORWARD

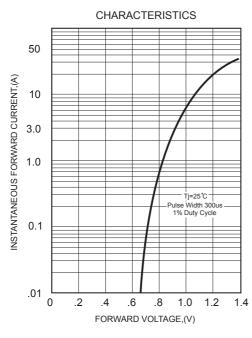


FIG.4-TYPICAL REVERSE

