

RT805 – RT810

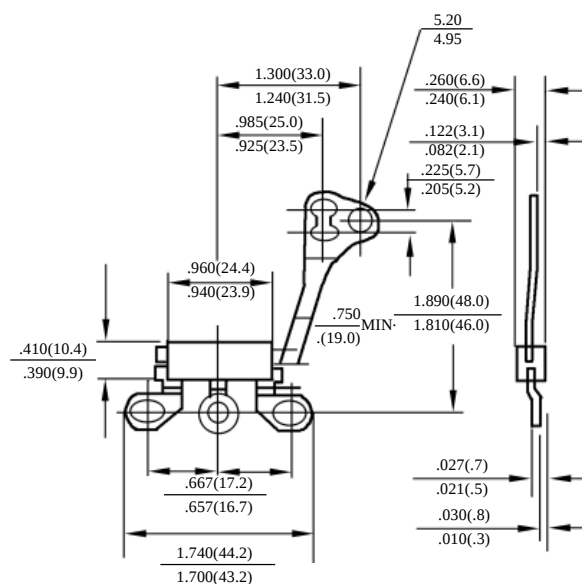
汽车桥式整流器

AUTOMOTIVE BRIDGE RECTIFIERS

最大额定值、电性 MAXIMUM RATINGS AND ELECTRICAL CHARACTERISTICS

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

型 号 TYPE	最大反向 峰值电压 Maximum Peak Reverse Voltage	最大平均 正向电流 Maximum Average Forward Output Current @T _A = 60°C	最大正向 浪涌电流 Maximum Forward Peak Surge Current @ 8.3ms Superimposed	最大正向 峰值电压 Maximum DC Forward Voltage drop per element at I _F =3.0ADC	最大反向 电 流 Maximum DC Reverse Current at rated DC Blocking Voltage per element		结 温 Operating Junction Temperature	外型尺寸 Package Dimensions
	PRV	I _O	I _{FM} (Surge)	V _F	I _R		T _J	
	V _{PK}	A _{AV}	A _{PK}	V _{PK}	25°C T _A μADC	125°C T _A μADC	°C	
RT805	50	8.0	150	1.0	10	500	125	RT – 8
RT81	100							
RT82	200							
RT84	400							
RT86	600							
RT88	800							
RT810	1000							



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RT805-RT810

桥式整流器额定值与特性曲线

BRIDGE RECTIFIERS RATING AND CHARACTERISTIC CURVES

FIG. 1 - TYPICAL FORWARD CURRENT DERATING CURVE

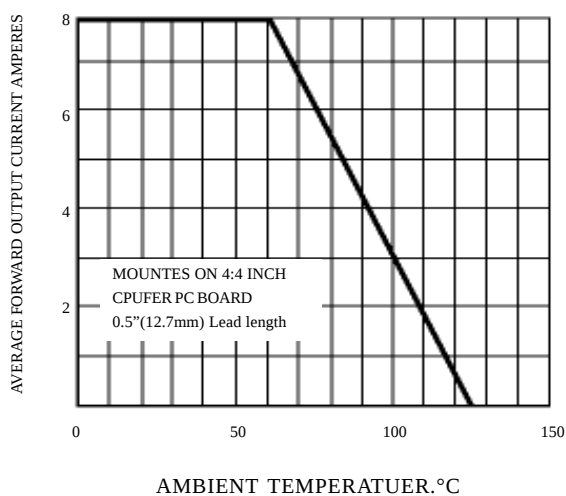


FIG. 2 - MAXIMUM NON-REPETITIVE FORWARD SURGE CURRENT

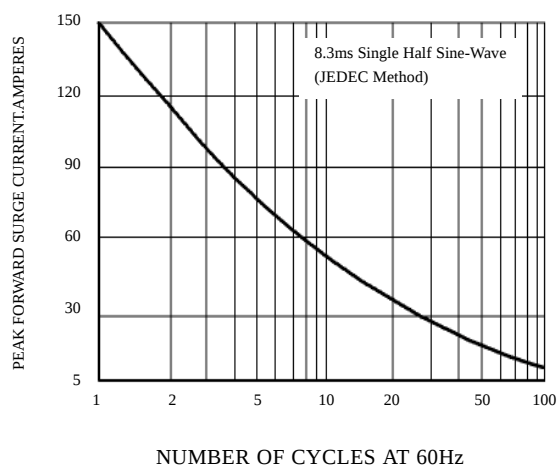


FIG. 3 - TYPICAL REVERSE CHARACTERISTICS

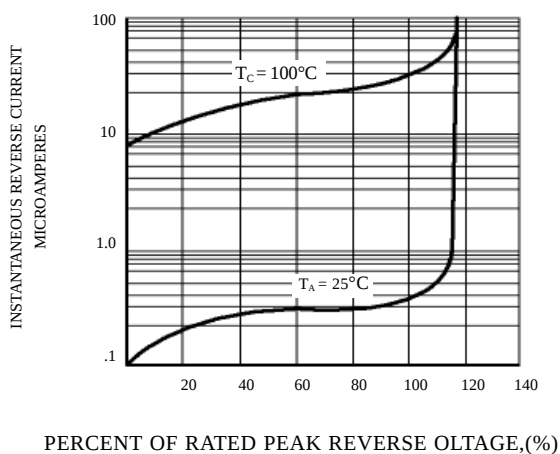


FIG. 4 - TYPICAL INSTANTANEOUS FORWARD PER BRIDGE ELEMENT

