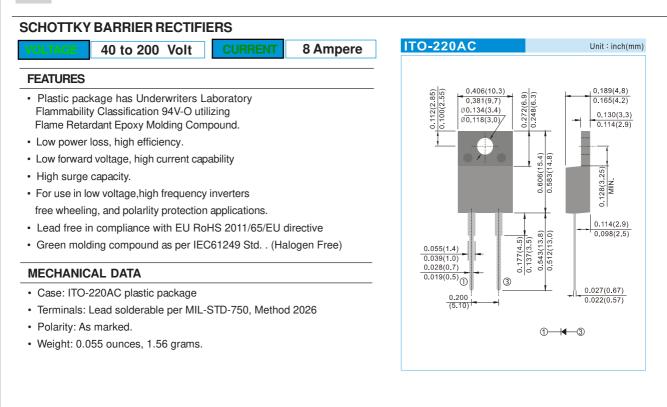


MBR840F~MBR8200F



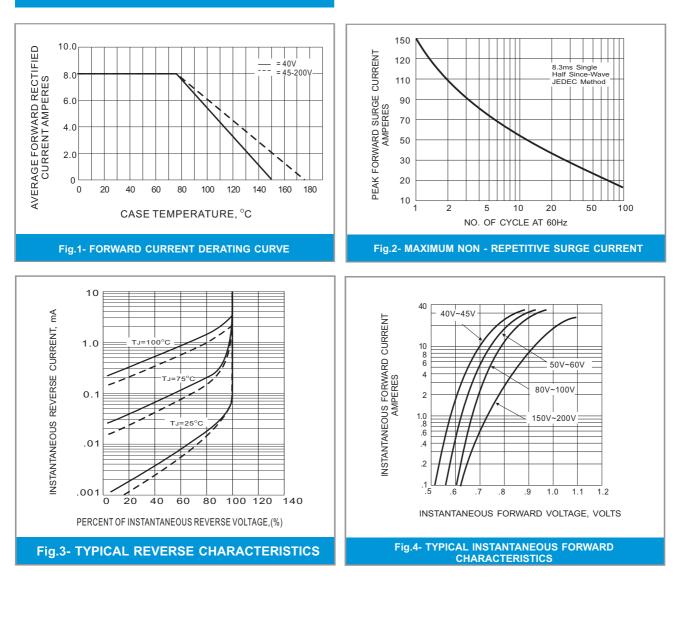
MAXIMUM RATINGS

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	MBR840F	MBR845F	MBR850F	MBR860F	MBR880F	MBR890F	MBR8100F	MBR8150F	MBR8200F	UNITS
Maximum Recurrent Peak Reverse Voltage	V _{RRM}	40	45	50	60	80	90	100	150	200	v
Maximum RMS Voltage	V _{RMS}	28	31.5	35	42	56	63	70	105	140	v
Maximum DC Blocking Voltage	V _{DC}	40	45	50	60	80	90	100	150	200	V
Maximum Average Forward	I _{F(AV)}	8								А	
Peak Forward Surge Current : 8.3ms single half sine-wave superimposed on rated load	I _{fsm}	150								A	
Maximum Forward Voltage at 8A	V _F	0.	0.7 0.75 0.8 0.9				.9	v			
Maximum DC Reverse Current at Rated DC Blocking T_{j} =25°C Voltage T_{j} =100°C	I _R	0.05 20									mA
Typical Thermal Resistance	$R_{_{ ext{ ext{ ext{ ext{ ext{ ext{ ext{ ext$	3								°C / W	
Operating Junction and Storage Temperature Range	Tj,Tstg	-55 to +150 -65 to +175								°C	

NOTES : Both Bonding and Chip structure are available.

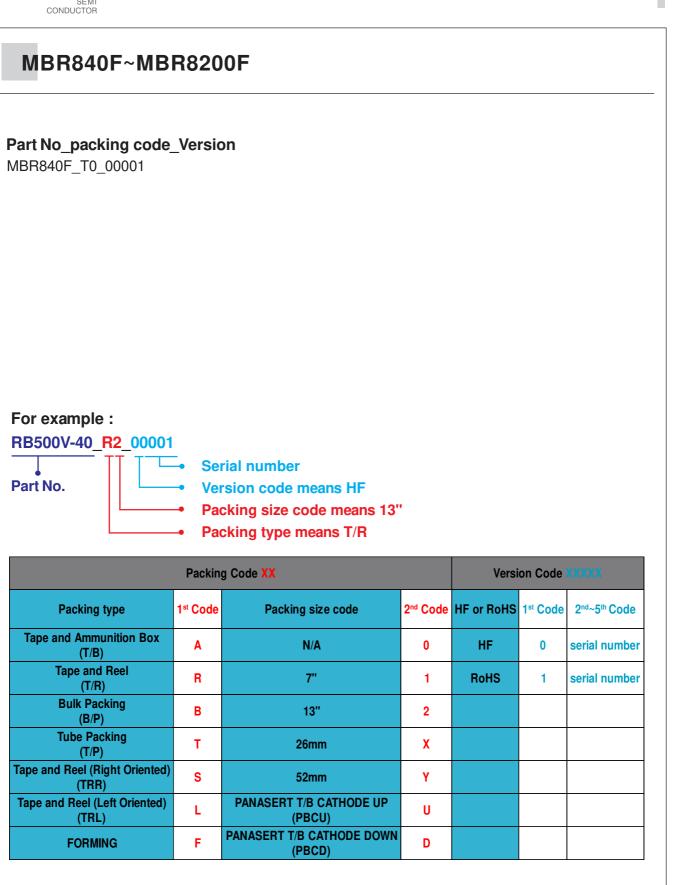




RATING AND CHARACTERISTIC CURVES

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MBR840F~MBR8200F

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