

MB05F~MB10F

BRIDGE RECTIFIERS

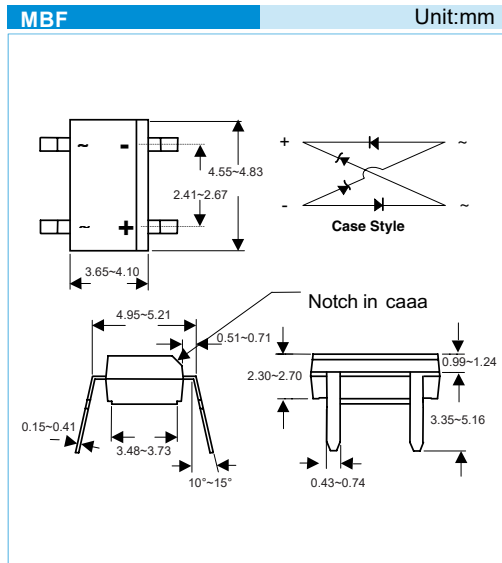
VOLTAGE 50 to 1000 Volt **CURRENT** 0.5 Ampere

FEATURES

- Glass Passivated Diode Construction
- Saves space on printed circuit boards
- Low reverse leakage
- Lead free in compliance with EU RoHS

MECHANICAL DATA

- Case Material: Molded Plastic.
- UL Flammability Classification Rating 94V-0



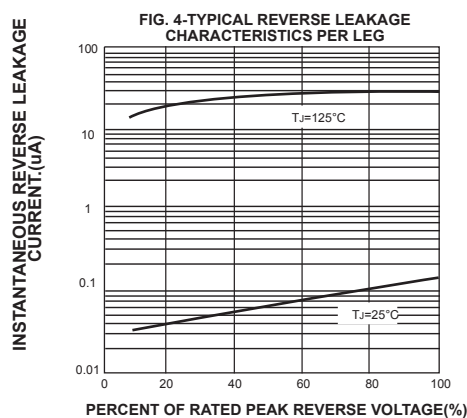
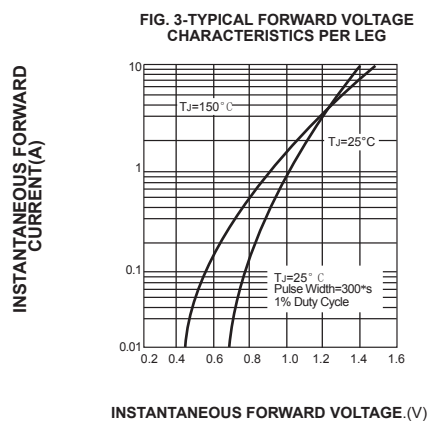
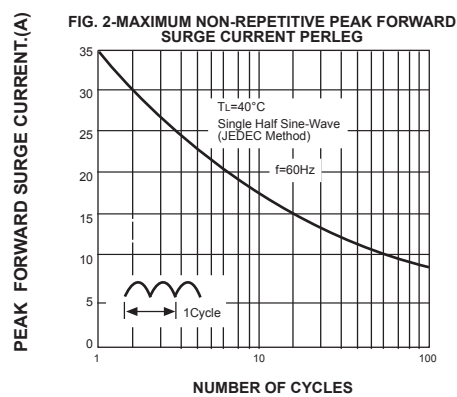
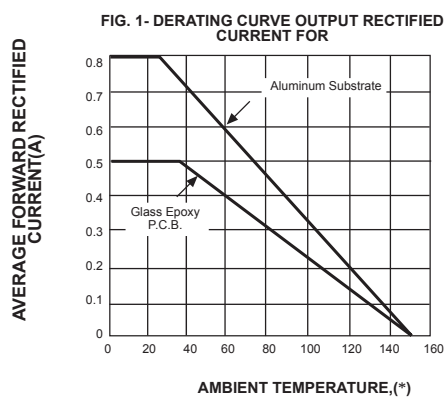
MAXIMUM RATINGS AND ELECTRICAL CHARACTERISTICS

Ratings at 25°C ambient temperature unless otherwise specified.

PARAMETER	SYMBOL	MB05F	MB1F	MB2F	MB4F	MB6F	MB8F	MB10F	UNITS
Maximum Recurrent Peak Reverse Voltage	V_{RRM}	50	100	200	400	600	800	1000	V
Maximum RMS Voltage	V_{RMS}	35	70	140	280	420	560	700	V
Maximum DC Blocking Voltage	V_{DC}	50	100	200	400	600	800	1000	V
Maximum Average Forward Current (see FIG.1)	$I_{F(AV)}$	0.5 0.8							A
Peak Forward Surge Current : 8.3ms single half sine-wave superimposed on rated load	I_{FSM}	35							A
Maximum Forward Voltage at 0.4 A	V_F	1.0							V
Maximum DC Reverse Current at Rated DC Blocking Voltage	I_R	5 100							μA
Thermal Resistance	$R_{\theta JA}$	85							°C / W
Operating Junction Temperature Range	T_J	-55 to +150							°C
Storage Temperature Range	T_{STG}	-55 to +150							°C

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RATING AND CHARACTERISTIC CURVES



MB05F~MB10F

ORDER INFORMATION

- Packing information

Part Number	Case	DELIVERY MODE	QUANTITY
MB05F~MB10F	MBF	Tube	5000/Box