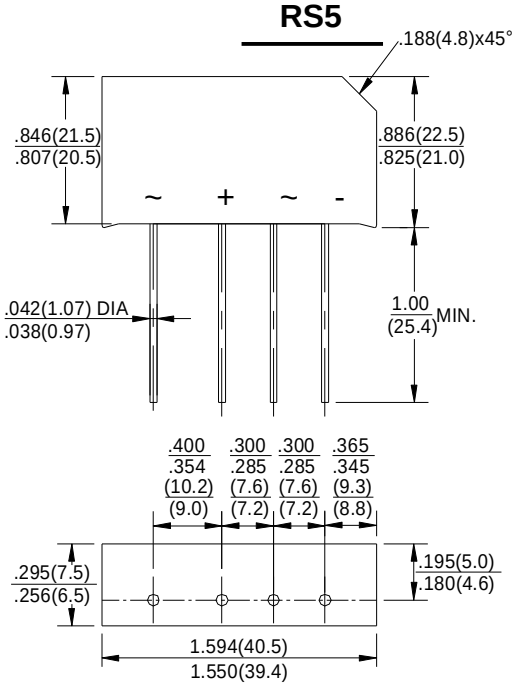
B40C5000/3300 thru B500C5000/3300

SILICON BRIDGE RECTIFIERS	REVERSE VOLTAGE - **100** to **1000** Volts FORWARD CURRENT - **5.0** Amperes

FEATURES

- Plastic material used carries UL recognition 94V-0
- High surge current capability
- Ideal for printed circuit board
- Built-in printed board stand offs

RS5



Dimensions in inches and (milimeters)

MAXIMUM RATINGS AND ELECTRICAL CHARACTERISTICS

Rating at 25℃ ambient temperature unless otherwise specified.

resistive or inductive load at 50Hz or 60Hz.

CHARACTERISTICS	SYMBOL	BC40C5000 /3300	BC80C5000 /3300	BC125C5000 /3300	BC250C5000 /3300	BC380C5000 /3300	BC500C5000 /3300	UNIT
Maximum Recurrent Peak Reverse Voltage	V_{RM}	100	200	400	600	800	1000	V
Maximum RMS Voltage	V_{RMS}	70	140	280	420	400	700	V
Maximum DC Blocking Voltage	V_{DC}	100	200	400	600	800	1000	V
Average Rectified Output Current T_A=45℃(Note 1)	I_o	5.0						A
Non-Repetitive Peak Forward Surge Current 8.3ms Single half sine-wave superimposed on rated load (JEDEC Method)	I_{FSM}	150						A
Peak Reverse Current at @T_C=25℃	I_R	10.0						μA
Rated DC Blocking Voltage @T_C=125℃		6.0						mA
Forward Voltage per leg at 5.0A	V_F	1.0						V
Operating Temperature Range	T_J	-55 to+125						℃
Storage Temperature Range	T_{STG}	-55 to+150						℃

NOTES:1.Mounted on 200mm^2 metal chassis

RATING AND CHARACTERTIC CURVES
B40C5000/3300 thru B500C5000/3300

FIG.1-FORWARD CURRENT
DERATING CURVE

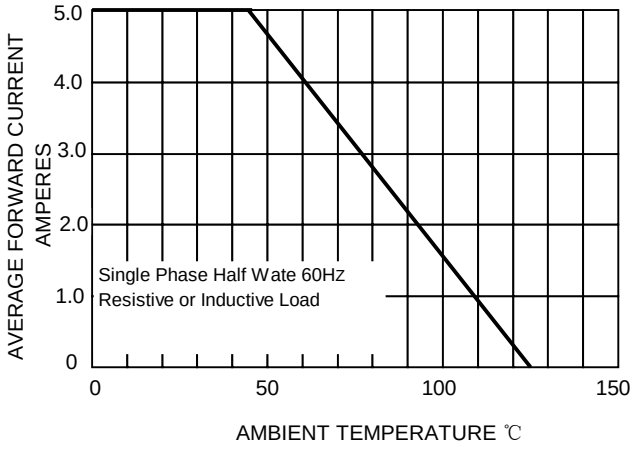


FIG.2-TYPICAL FORWARD
CHARACTERISTICS,PER

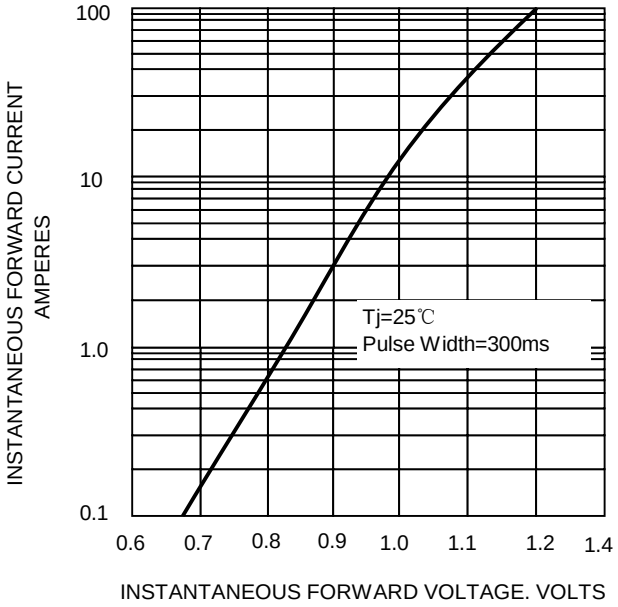


FIG.3-MAX NON-REPETITIVE PEAK
FWD SURGE CURRENT

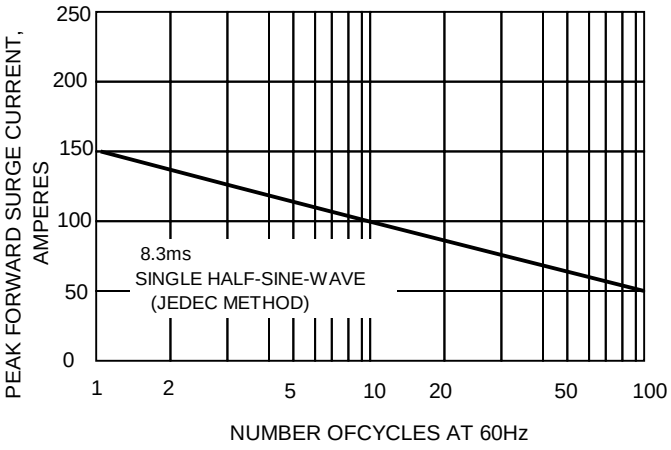


FIG.4-TYPIACL REVERSE
CHARACTERISTICS

