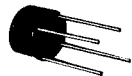


Lagertyp B80C1500
Lagertyp B380C1500



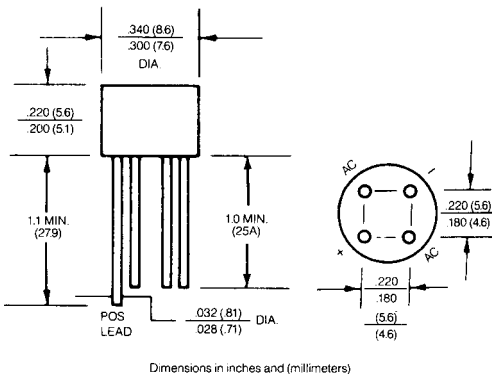
FEATURES

- Plastic material used carried Underwriters Laboratory recognition 94V-0.
- High case dielectric strength
- Typical IR less than 1μA
- High overload surge current
- Ideal for printed circuit board
- High temperature soldering guaranteed: 250° C/10 seconds/.375" , (9.5mm) lead length/5 lbs., (2.3kg) tension

MECHANICAL DATA

Case: Reliable low cost construction utilizing molded plastic technique.
Terminals: Leads solderable per MIL-STD-202, Method 208
Mounting Position: Any
Weight: 0.05 ounce, 1.3 grams

VOLTAGE RANGE
65 to 600 Volts
CURRENT
1.5 Amperes



MAXIMUM RATINGS AND ELECTRICAL CHARACTERISTICS

Ratings at 25°C ambient temperature unless otherwise specified.
60Hz, resistive or inductive load.

	B40	B80	B125	B250	B380	UNITS
Maximum Recurrent Peak Reverse Voltage	65	125	200	400	600	V_{RM}
Maximum RMS Input Voltage R + C-Load	40	80	125	250	380	V_{RMS}
Maximum Average Forward Output free air operation at $T_A = 45^\circ C$ R + L-Load C-Load	1.6 1.5					$A_{(AV)}$
Maximum DC Blocking Voltage	65	125	200	400	600	V_{DC}
Maximum Repetitive Peak Reverse Voltage	90	180	300	600	900	V_{RRM}
Maximum Peak Working Voltage	90	180	300	600	900	V_{PRM}
Maximum Non-Repetitive Peak Voltage	100	200	350	600	1000	V_{RSM}
Maximum Repetitive Peak Forward Surge Current	10.0					A_{PK}
Peak Forward Surge Current, Single Sine wave on rated load (JEDEC Method) at $T_J = 125^\circ C$	45.0					A_{PK}
I ² t Rating for Fusing at $T_J = 125^\circ C$ ($t < 100ms$)	5.0					A^2s
Minimum Series Resistor C-Load $V_{RMS} = \pm 10\%$	1.0	2.0	4.0	8.0	12.0	Ohm
Maximum Load Capacitance + 50% - 10%	5000	2500	1000	500	200	μF
Maximum Instantaneous Forward Voltage Drop per element at 0.9A	1.0					V_{PK}
Maximum Reverse Current at rated Repetitive Peak Voltage $T_A = 25^\circ C$	10.0					μA
Operating Temperature Range T_J	- 40 to + 125					$^\circ C$
Storage Temperature Range T_{STG}	- 40 to + 150					$^\circ C$

RATING AND CHARACTERISTIC CURVES
B40C...B380C 800 SERIES

