

SINGLE-PHASE FULL WAVE BRIDGE 1.0 AMPERES

FOR P.C. BOARD AND SURFACE MOUNTING



PL SERIES
 Dual DIP Package

PLS SERIES
 Surface Mount Type

PRV/Leg	50V	100V	200V	400V	600V	800V	1000V
Type No.	PL05	PL10	PL20	PL40	PL60	PL80	PL100
Type No.	PL05S	PL10S	PL20S	PL40S	PL60S	PL80S	PL100S

ELECTRICAL CHARACTERISTICS PER LEG (at $T_A = 25^\circ\text{C}$ Unless Otherwise Specified)

Max. Forward Voltage Drop, $V_F = 1.2\text{V} @ 1\text{F} =$	1.0	Amp
Max. DC Reverse Current @ PRV and 25°C , I_R	5.0	μA
Max. Peak Surge Current, I_{FSM} (8.3 ms)	50	Amp
Ambient Operating Temperature Range, T_A	-55 to + 150	$^\circ\text{C}$
Storage Temperature Range, T_{STG}	-55 to + 150	$^\circ\text{C}$

NOTE Maximum lead and terminal temperature for soldering, $\frac{3}{16}$ inch from case, 5 seconds at 250°C .
 EDI reserves the right to change these specifications at any time without notice.

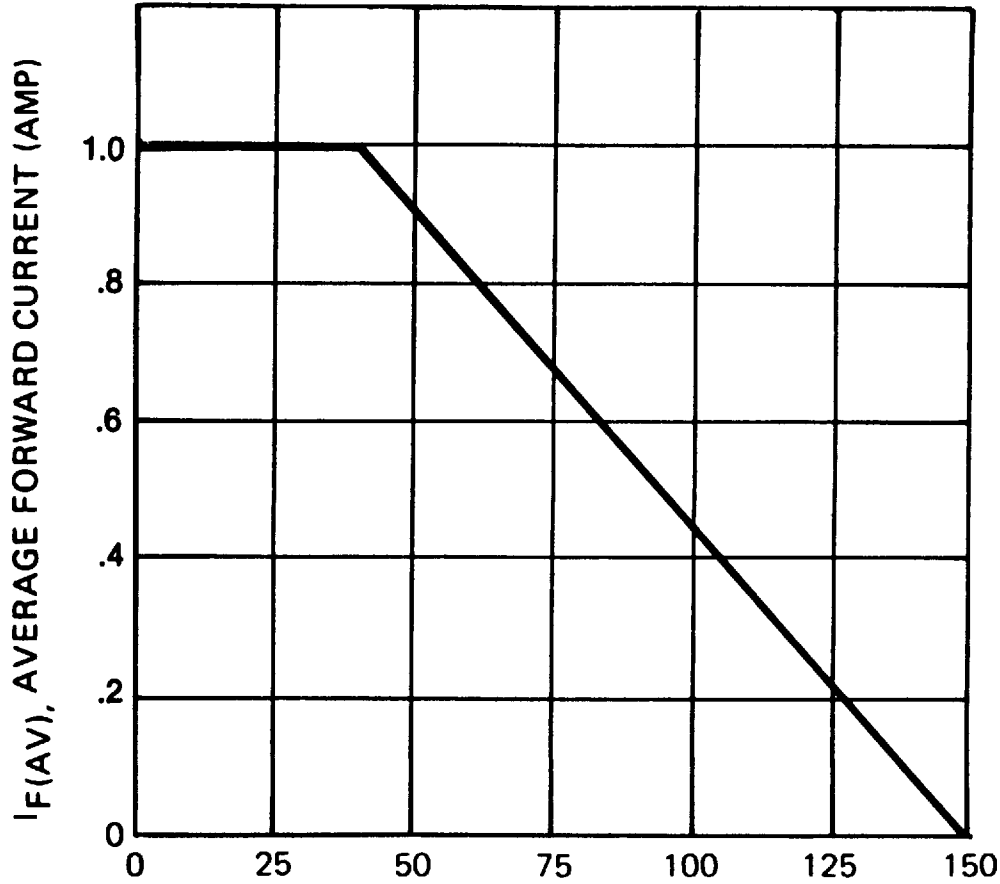


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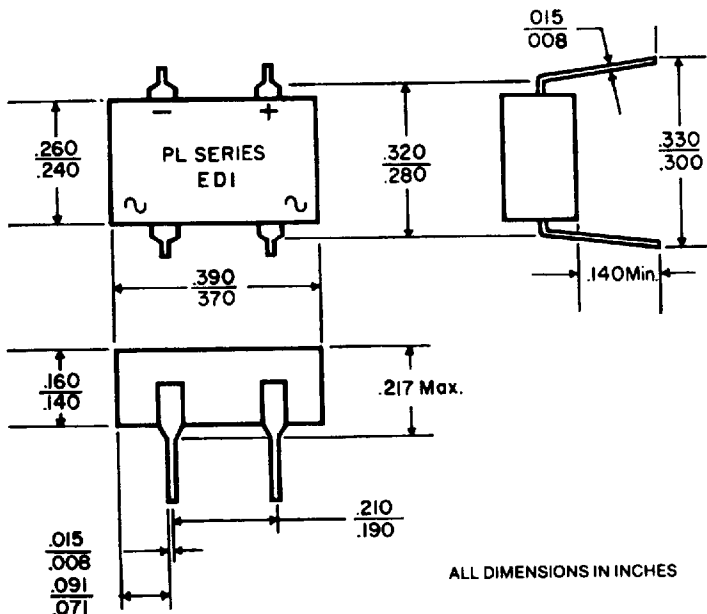
CURRENT DERATING



T_A = AMBIENT TEMPERATURE (°C)

For Capacitive Load Derate Current by 20%

CASE STYLE PL



ALL DIMENSIONS IN INCHES

CASE STYLE PLS

