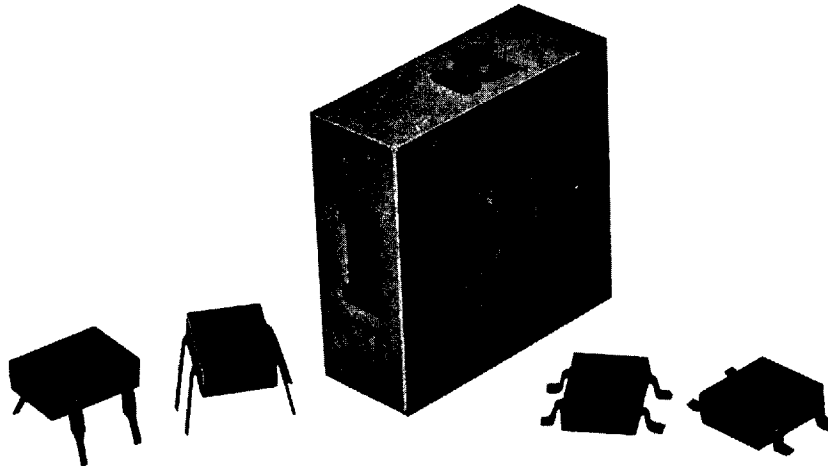


T-23-05

# 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 $25^\circ\text{C}$ , $I_R$	5.0	$\mu\text{A}$
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,  $\frac{3}{8}$  inch from case, 5 seconds at  $250^\circ\text{C}$ .  
EDI reserves the right to change these specifications at any time without notice.



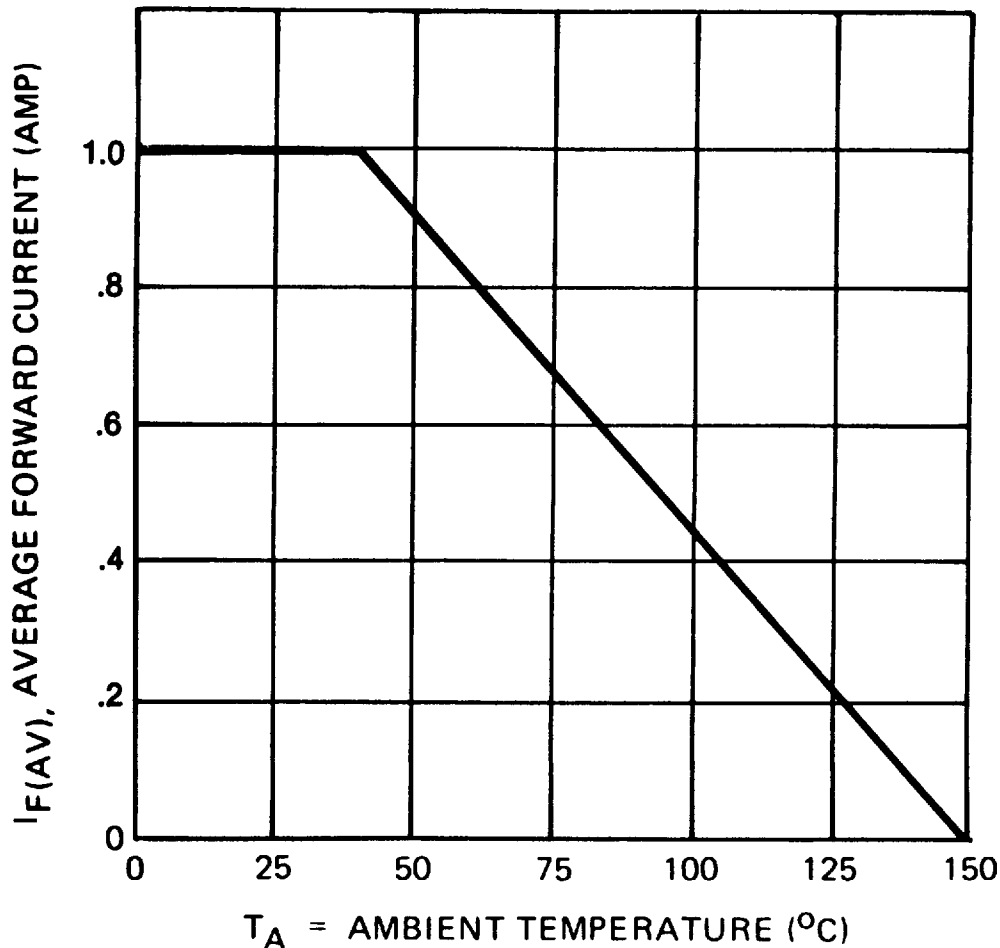
**ELECTRONIC DEVICES, INC.**

AN AMERICAN ELECTRONIC COMPONENTS COMPANY  
21 GRAY OAKS AVENUE • YONKERS, NEW YORK 10710  
914-965-4400 • FAX 914-965-5531 • 1-800-678-0828



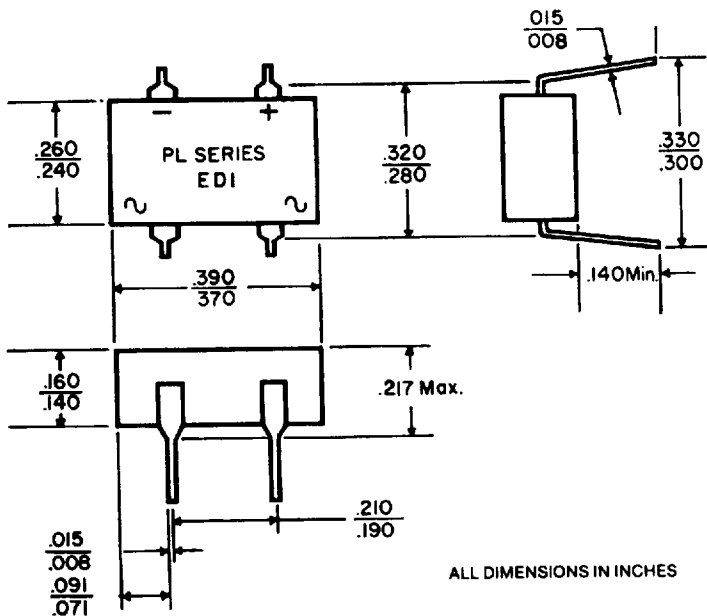
C 2109

**CURRENT DERATING**



For Capacitive Load Derate Current by 20%

**CASE STYLE PL**



ALL DIMENSIONS IN INCHES

**CASE STYLE PLS**

