

TECHNICAL DATA  
DATASHEET 4794, REV.-

**HERMETIC POWER SCHOTTKY RECTIFIER**  
(SINGLE / DUAL)

**DESCRIPTION:** A 60 VOLT, 10 AMP, POWER SCHOTTKY RECTIFIER IN A HERMETIC LCC-3P PACKAGE.

**MAXIMUM RATINGS**

ALL RATINGS ARE @  $T_C = 25\text{ }^\circ\text{C}$  UNLESS OTHERWISE SPECIFIED.

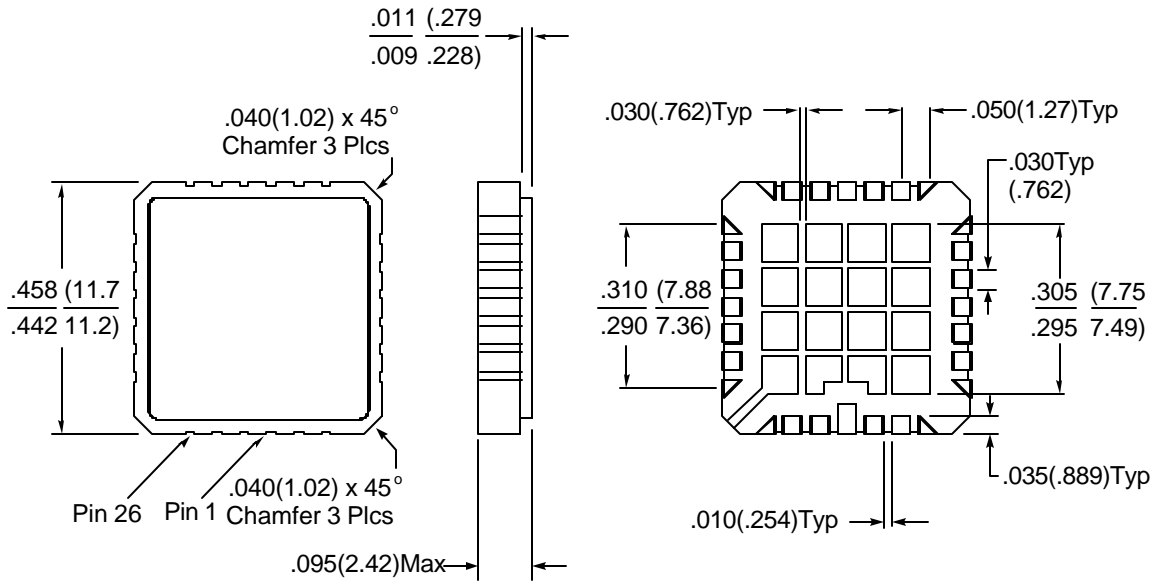
RATING	SYMBOL	MAX.	UNITS
PEAK INVERSE VOLTAGE	PIV	60	Volts
MAXIMUM DC OUTPUT CURRENT With Cathode Maintained (@ $T_C=100\text{ }^\circ\text{C}$ ) (Single)	$I_o$	10	Amps
MAXIMUM DC OUTPUT CURRENT With Cathode Maintained (@ $T_C=100\text{ }^\circ\text{C}$ ) (Common Cathode)	$I_o$	10	Amps
MAXIMUM NONREPETITIVE FORWARD SURGE CURRENT ( $t = 8.3\text{ms}$ , Sine)	$I_{FSM}$	860	Amps
MAXIMUM JUNCTION CAPACITANCE ( $=5\text{V}$ )	$(V_f)$ $C_T$	2400	pF
MAXIMUM OPERATING AND STORAGE TEMPERATURE RANGE	Top/Tstg	-65 to + 150	$^\circ\text{C}$

**ELECTRICAL CHARACTERISTICS**

CHARACTERISTIC			
MAXIMUM FORWARD VOLTAGE DROP, Pulsed ( $I_f = 10\text{ Amps}$ )			
$T_J = 25\text{ }^\circ\text{C}$	$V_f$	0.50	Volts
$T_J = 125\text{ }^\circ\text{C}$		0.40	
MAXIMUM REVERSE CURRENT ( $I_r$ @ 60 V PIV)			
$T_J = 25\text{ }^\circ\text{C}$	$I_r$	6	mA
$T_J = 125\text{ }^\circ\text{C}$		420	

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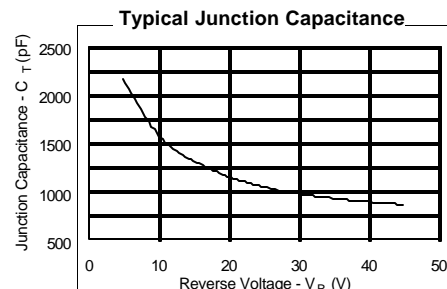
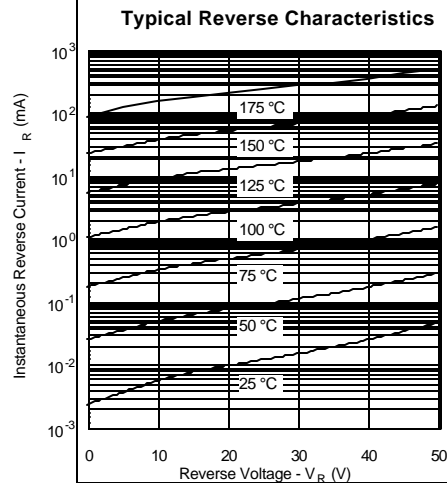
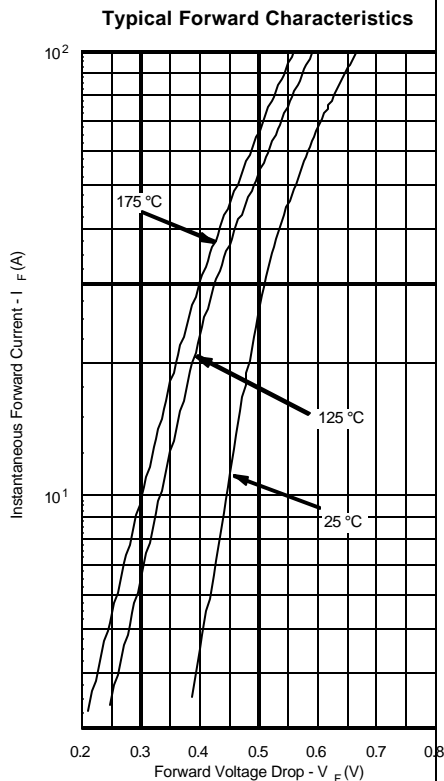
MECHANICAL DIMENSIONS: IN Inches / mm



**LCC-28T**

**PINOUT TABLE**

DEVICE TYPE	PIN 1	PIN 2	PIN 3
SINGLE RECTIFIER	CATHODE	ANODE	ANODE
COMMON CATHODE	COMMON CATHODE	ANODE 1	ANODE 2



**TECHNICAL DATA**

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