

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.

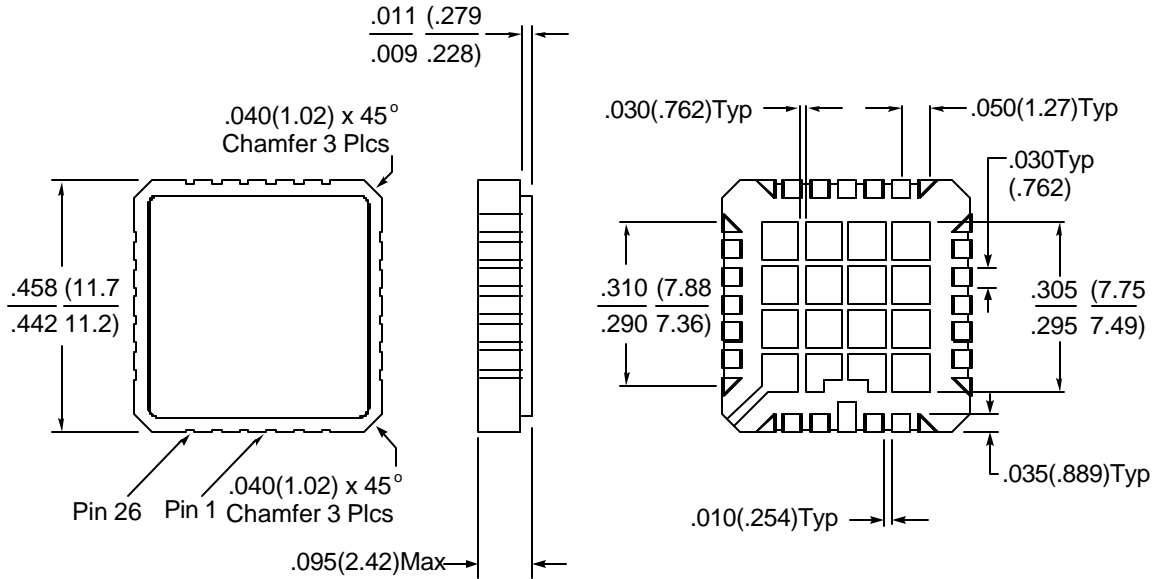
RATING	SYMBOL	MAX.	UNITS
PEAK INVERSE VOLTAGE	PIV	60	Volts
MAXIMUM DC OUTPUT CURRENT With Cathode Maintained (@ $T_C=100\text{ }^\circ\text{C}$) (Single)	I_o	10	Amps
MAXIMUM DC OUTPUT CURRENT With Cathode Maintained (@ $T_C=100\text{ }^\circ\text{C}$) (Common Cathode)	I_o	10	Amps
MAXIMUM NONREPETITIVE 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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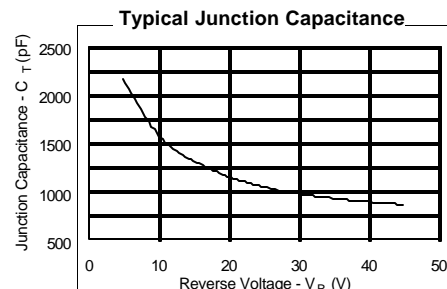
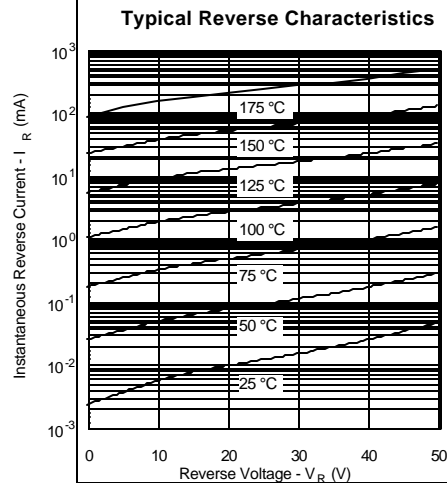
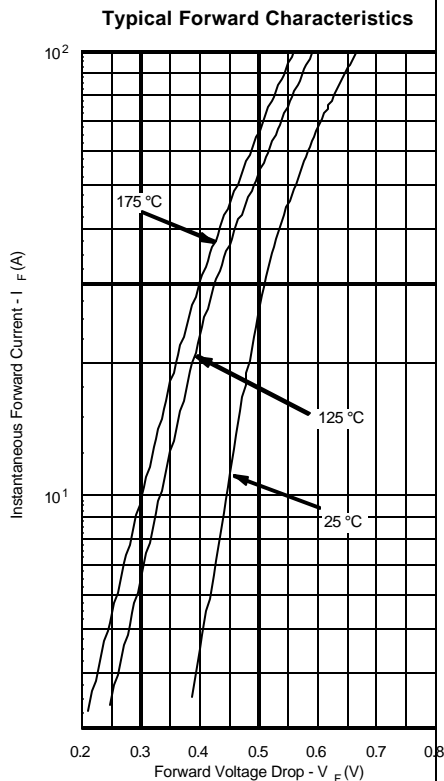
MECHANICAL DIMENSIONS: IN Inches / mm



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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