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 °C UNLESS OTHERWISE SPECIFIED.

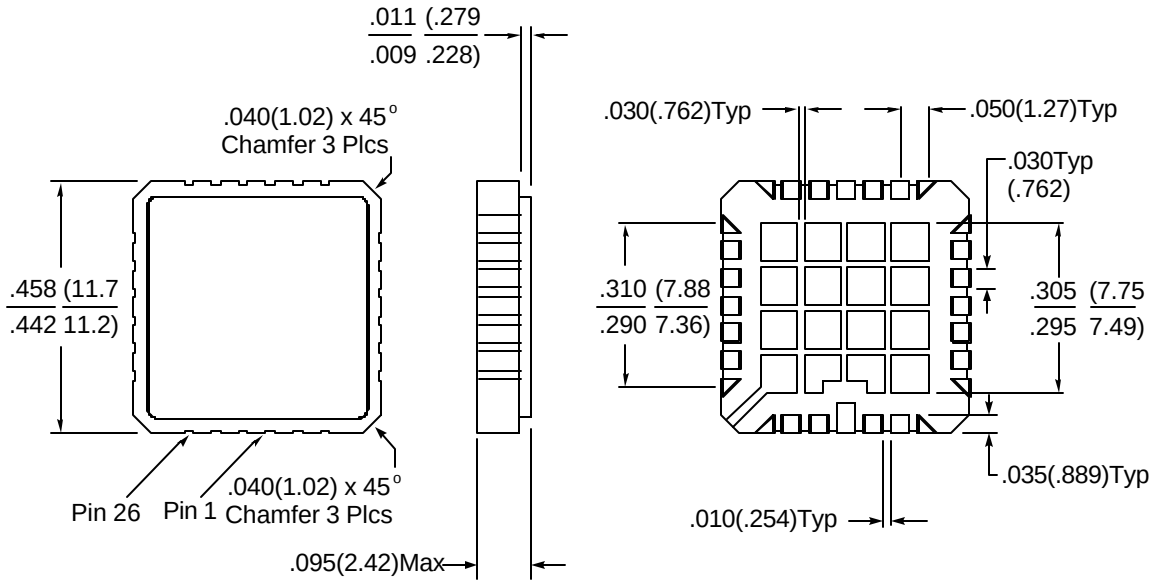
RATING	SYMBOL	MAX.	UNITS
PEAK INVERSE VOLTAGE	PIV	60	Volts
MAXIMUM DC OUTPUT CURRENT With Cathode Maintained (@ T_C=100 ^{O}C) (Single)	I_O	10	Amps
MAXIMUM DC OUTPUT CURRENT With Cathode Maintained (@ T_C=100 ^{O}C) (Common Cathode)	I_O	10	Amps
MAXIMUM NONREPETITIVE FORWARD SURGE CURRENT (t = 8.3ms,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

ELECTRICAL CHARACTERISTICS

CHARACTERISTIC				
MAXIMUM FORWARD VOLTAGE DROP, Pulsed (I_f = 10 Amps)				
	T_J = 25 °C	V_f	0.50	Volts
	T_J = 125 °C		0.40	
MAXIMUM REVERSE CURRENT (I_r @ 60 V PIV)				
	T_J = 25 °C	I_r	6	mA
	T_J = 125 °C		420	

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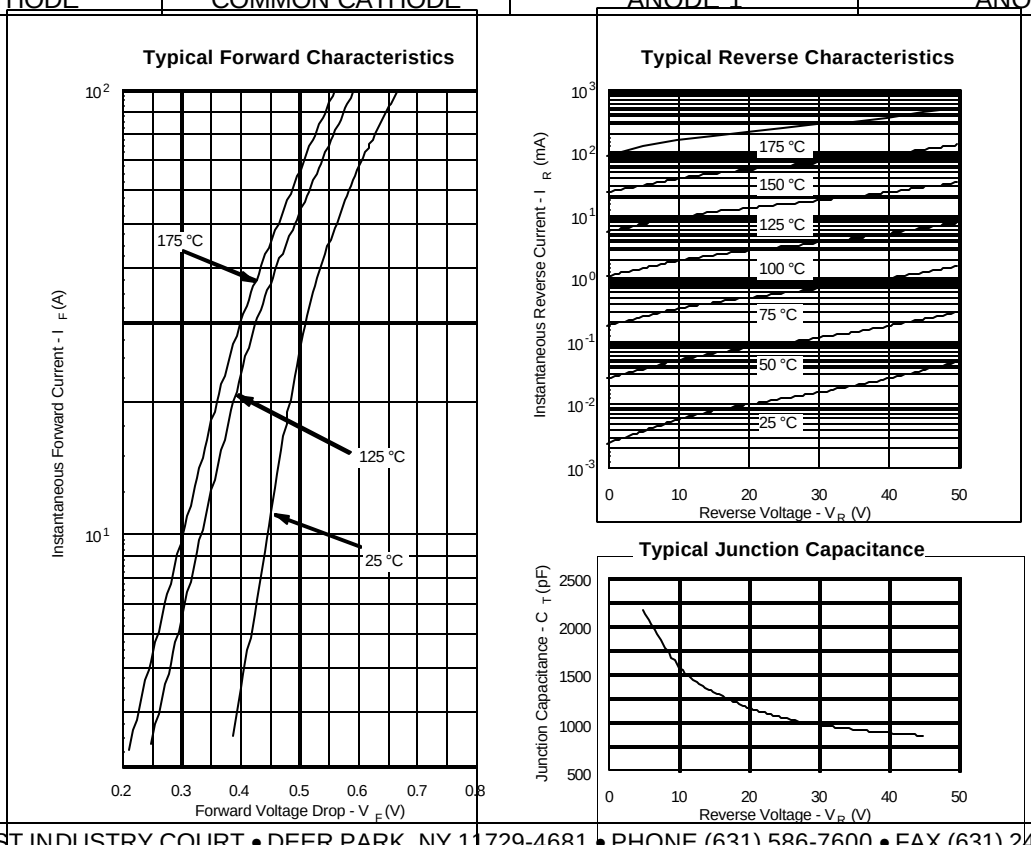
MECHANICAL DIMENSIONS: IN Inches / mm



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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