TECHNICAL DATA
DATA SHEET 151, REV G
Formerly Part Number SHD3262/P/N/D

HERMETIC DUAL ULTRAFAST RECTIFIER

DESCRIPTION: A 200 VOLT, 16 AMP, 30 NANOSECOND, RECTIFIER IN A HERMETIC TO-257 PACKAGE. Ceramic Seals available (Add a "C" to the part number, i.e. SHDC326211)

MAXIMUM RATINGS ALL RATINGS ARE AT T_A = 25 C) UNLESS OTHERWISE SPECIFIED

RATING	SYMBOL	MAX.	UNITS
PEAK INVERSE VOLTAGE (PER LEG)	PIV	200	Volts
MAXIMUM DC OUTPUT CURRENT (T_C = 100 ^{O}C)	I_O	16	Amps
PEAK SINGLE CYCLE SURGE CURRENT t_p = 8.3 msec	I_{FSM}	180	Amps
MAXIMUM THERMAL RESISTANCE (PER LEG)	$R_{\theta JC}$	2.8	°C/W
MAXIMUM OPERATING AND STORAGE TEMPERATURE RANGE	$T_{op/stg}$	-65to +175	°C

ELECTRICAL CHARACTERISTICS

CHARACTERISTIC	SYMBOL	MAX.	UNITS
MAXIMUM FORWARD VOLTAGE DROP @ T_A = 25°C (PER LEG) I_f = 10 Amps I_f = 16 Amps	V_f	 1.0 1.1	Volts
MAXIMUM FORWARD VOLTAGE DROP @ I_f = 16 Amps T_A = 125°C (PER LEG) T_A = -55°C (PER LEG)	V_f	 1.0 1.3	Volts
MAXIMUM REVERSE CURRENT I_{rr} @ PIV (PER LEG) @ T_A = 25°C	I_{rr}	25	µA
MAXIMUM REVERSE CURRENT I_{rr} @ PIV (PER LEG) @ T_A = 125°C	I_{rr}	1.0	mA
MAXIMUM REVERSE RECOVERY TIME (I_f = 0.5A, I_r = 1.0A, I_{rr} = 0.25A)	t_{rr}	30	nsec

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SHD326211
SHD326211P
SHD326211N
SHD326211D

SENSITRON

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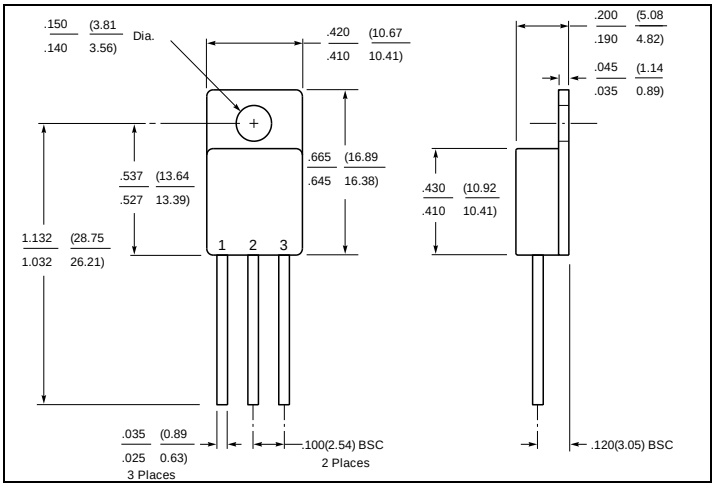
MECHANICAL DIMENSIONS: In Inches / mm



TO-257

PINOUT TABLE

DEVICE TYPE	PIN 1	PIN 2	PIN 3
SINGLE RECTIFIER	CATHODE	ANODE	ANODE
DUAL RECTIFIER/COMMON CATHODE (P)	ANODE 1	COMMON CATHODE	ANODE 2
DUAL RECTIFIER/COMMON ANODE (N)	CATHODE 1	COMMON ANODE	CATHODE 2
DUAL RECTIFIER/DOUBLER (D)	ANODE	ANODE/ CATHODE	CATHODE

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