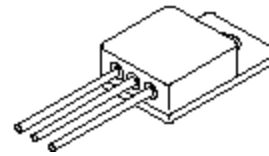


SENSITRON SEMICONDUCTOR POWER RECTIFIER



PART NUMBER:SHD3264N

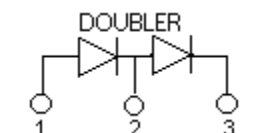
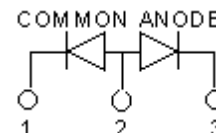
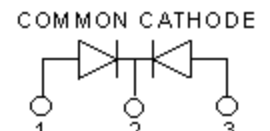
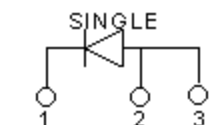
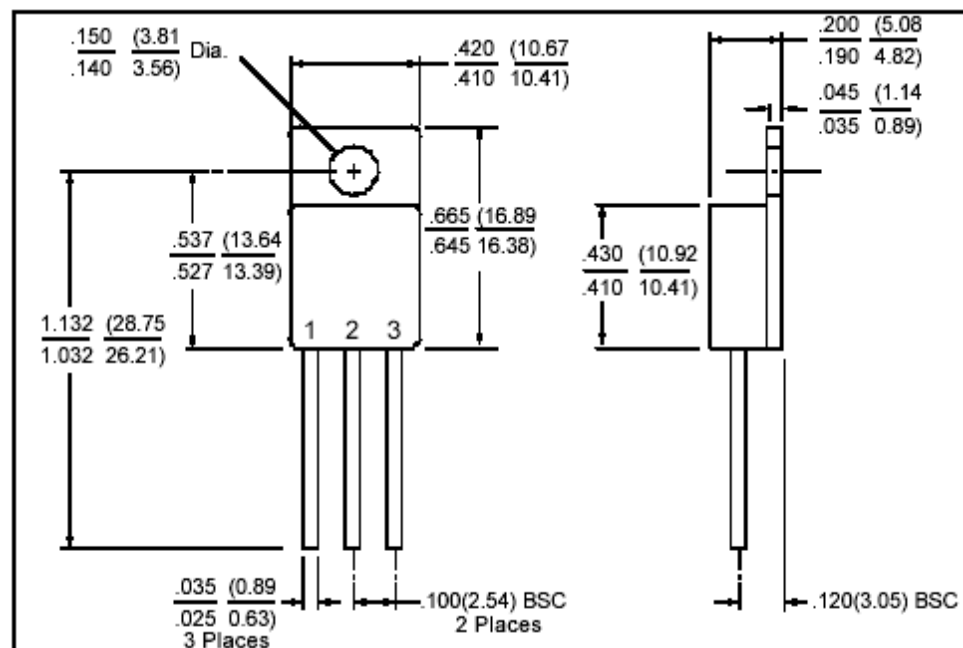
PACKAGE STYLE:TO-257

CONFIGURATION:DUAL

ALL RATINGS ARE @ $T_c = 25\text{ }^\circ\text{C}$ UNLESS OTHERWISE SPECIFIED.[Disclaimer](#)

MAXIMUM RATINGS / Conditions	SYMBOL	MAX	UNITS
PEAK INVERSE VOLTAGE	PIV	600	Volts
MAXIMUM DC OUTPUT CURRENT @ $T_c=55\text{ }^\circ\text{C}$	I_o		Amps
MAXIMUM DC OUTPUT CURRENT @ $T_c=100\text{ }^\circ\text{C}$	I_o	16	Amps
MAXIMUM NON-REPETITIVE FORWARD SURGE CURRENT ($t= 8.3\text{ms}$, Sine)	I_{FSM}	150	Amps
MAXIMUM THERMAL RESISTANCE	$R_{\theta JC}$	1.5	$^\circ\text{C/W}$
OPERATING TEMPERATURE	$T_{J(MAX)}$	-65 to +175	$^\circ\text{C}$

ELECTRICAL CHARACTERISTICS / Conditions	SYMBOL	MAX	UNITS
MAXIMUM FORWARD VOLTAGE DROP, Pulsed ($I_f = 16\text{ Amps}$) $T_J = 25\text{ }^\circ\text{C}$	V_f	1.65	Volts
MAXIMUM REVERSE CURRENT $T_J = 25\text{ }^\circ\text{C}$ $T_J = 100\text{ }^\circ\text{C}$	I_r	25	μA μA
REVERSE RECOVERY TIME	t_{rr}	25	ns

MECHANICAL DIMENSIONS: In Inches / mm

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
DOUBLER (D)	ANODE	ANODE / CATHODE	CATHODE

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