

SENSITRON

POWER RECTIFIER

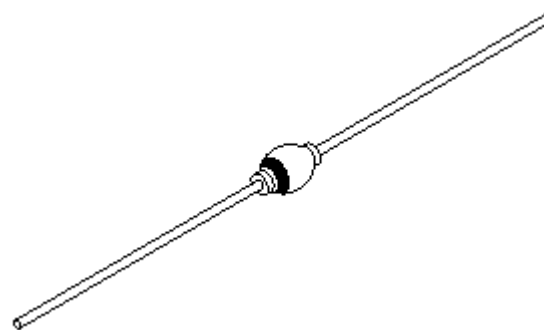
PART NUMBER:SS6625

PACKAGE STYLE:106

CONFIGURATION:SINGLE

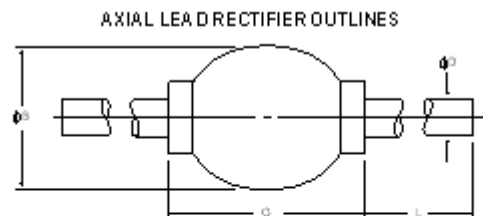
ALL RATINGS ARE @ $T_c = 25\text{ }^\circ\text{C}$ UNLESS OTHERWISE SPECIFIED.

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MAXIMUM RATINGS / Conditions	SYMBOL	MAX	UNITS
PEAK INVERSE VOLTAGE	PIV	1000	Volts
MAXIMUM DC OUTPUT CURRENT @ $T_c=55\text{ }^\circ\text{C}$	I_o	1.5	Amps
MAXIMUM DC OUTPUT CURRENT @ $T_c=100\text{ }^\circ\text{C}$	I_o	1	Amps
MAXIMUM NON-REPETITIVE FORWARD SURGE CURRENT ($t= 8.3\text{ms}$, Sine)	I_{FSM}	15	Amps
MAXIMUM THERMAL RESISTANCE	$R_{\theta JC}$	38	$^\circ\text{C/W}$
OPERATING TEMPERATURE	$T_{J(MAX)}$	-65 to +175	$^\circ\text{C}$

ELECTRICAL CHARACTERISTICS / Conditions	SYMBOL	MAX	UNITS
MAXIMUM FORWARD VOLTAGE DROP, Pulsed ($I_f = 1.5\text{ Amps}$) $T_A = 25\text{ }^\circ\text{C}$	V_f	1.95	Volts
MAXIMUM REVERSE CURRENT $T_A = 25\text{ }^\circ\text{C}$ $T_A = 150\text{ }^\circ\text{C}$	I_r	1 200	μA μA
REVERSE RECOVERY TIME	t_{rr}	60	ns

MECHANICAL DIMENSIONS: In Inches / mm

Note: Cathode side of device is indicated by a dark band marked on body.

PACKAGE STYLE	DIMENSIONS - INCHES / MILLIMETERS			
	ϕB	ϕD	G	L
106	.065/.085	.027/.032	.125/.250	.700/1.30
	1.65/3.56	.69/.81	3.18/6.35	17.78/33.02

***This drawing is for reference only.**

Data and specifications subject to change without notice.

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