

SENSITRON SEMICONDUCTOR

Transient Voltage Suppressor

PART NUMBER:SS6104

PACKAGE STYLE:AxialTVS

CONFIGURATION:Transient Voltage Suppressor

-All ratings are @ Tc = 25 °C unless otherwise specified.

[Disclaimer](#)

MAXIMUM RATINGS / ELECTRICAL CHARACTERISTICS	SYMBOL	VALUE	UNITS
MIN BREAKDOWN VOLTAGE	Min V _{dc}	7.38	Vdc
TEST CURRENT	mAmps _{dc}	150	mAmps _{dc}
WORKING PEAK REVERSE VOLTAGE VRWM	V _{dc}	6	Vdc
MAXIMUM REVERSE CURRENT	I _{R1}	20	uAmps dc
MAXIMUM CLAMP VOLTAGE	VC(max)@I _p , tp=1ms	12.7	Volts(pk)
MAXIMUM PEAK PULSE CURRENT	I _p	39.4	Amps(pk)
MAXIMUM TEMPERATURE COEFFICIENT	VBR	0.06	%/°C
PEAK PULSE POWER	P _{pp}	500	Watts
OPERATING TEMPERATURE	T _o	-55 to +175	°C
STORAGE TEMPERATURE	T _o	-55 to +175	°C

NOTES:

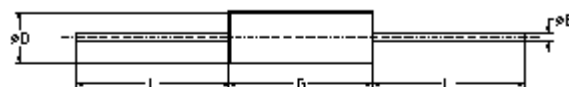
PR = 3W (for 1,500W) peak pulse power devices at TA = +25°C

PR = 5W (for 1,500W) peak pulse power devices at TL = +75°C for L = 0.375 inch (9.53mm).

PPR = 1,500W at tp = 1ms

MECHANICAL DIMENSIONS: In Inches / mm

AXIAL



500 W

PACKAGE STYLE	DIMENSIONS - INCHES / MILLIMETERS			
	φB	φD	G	L
AXIAL	.026/.033 .66/.84	.085/.140 2.16/.3.56	.140/.185 3.56/.4.70	1.00/1.30 25.4/33.02

1500 W

PACKAGE STYLE	DIMENSIONS - INCHES / MILLIMETERS			
	φB	φD	G	L
AXIAL	.036/.042 .92/1.07	.135/.185 3.43/4.70	.140/.195 3.56/4.95	1.00/1.30 25.4/33.02

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

Data and specifications subject to change without notice.

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sales@sensitron.com

221 West Industry Ct., Deer Park, NY 11729-4681

PHONE (631) 586-7600 FAX (631) 242-9798