

SENSITRON SEMICONDUCTOR

Transient Voltage Suppressor SM

PART NUMBER:SS6104AUS

PACKAGE STYLE:MELFTVS

CONFIGURATION:Transient Voltage Suppressor SM

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

[Disclaimer](#)

MAXIMUM RATINGS / ELECTRICAL CHARACTERISTICS	SYMBOL	VALUE	UNITS
MIN BREAKDOWN VOLTAGE	Min V _{dc}	7.79	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)@Ip, tp=1ms	12.1	Volts(pk)
MAXIMUM PEAK PULSE CURRENT	Ip	41.3	Amps(pk)
MAXIMUM TEMPERATURE COEFFICIENT	VBR	0.06	%/°C
PEAK PULSE POWER	P _{pp}	500	Watts
OPERATING TEMPERATURE	To	-55 to +175	°C
STORAGE TEMPERATURE	To	-55 to +175	°C

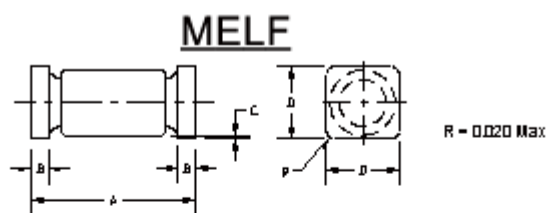
NOTES:

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



500 W

PACKAGE STYLE	DIMENSIONS - INCHES / MILLIMETERS			
	A	B	C	D
MELF	.200/.225 5.08/5.72	.019/.028 .48/.71	.003MIN .08MIN	.137/.148 3.48/3.76

1500 W

PACKAGE STYLE	DIMENSIONS - INCHES / MILLIMETERS			
	A	B	C	D
MELF	.205/.245 5.21/6.22	.019/.028 .48/.71	.003MIN .08MIN	.183/.202 4.65/5.13

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

Data and specifications subject to change without notice.

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