

TECHNICAL DATA
PART NUMBER SEN-5282, REV C

High Pulse Power Mil-STD-1275 Transzorb

Application:

- +28V DC systems
- Allows the use of 55V high efficiency FET
- Increase system reliability through eliminating avalanche FET operation
- Clamping below 55V DC for both 100V and 250V pulse
- High Pulse Power Capability

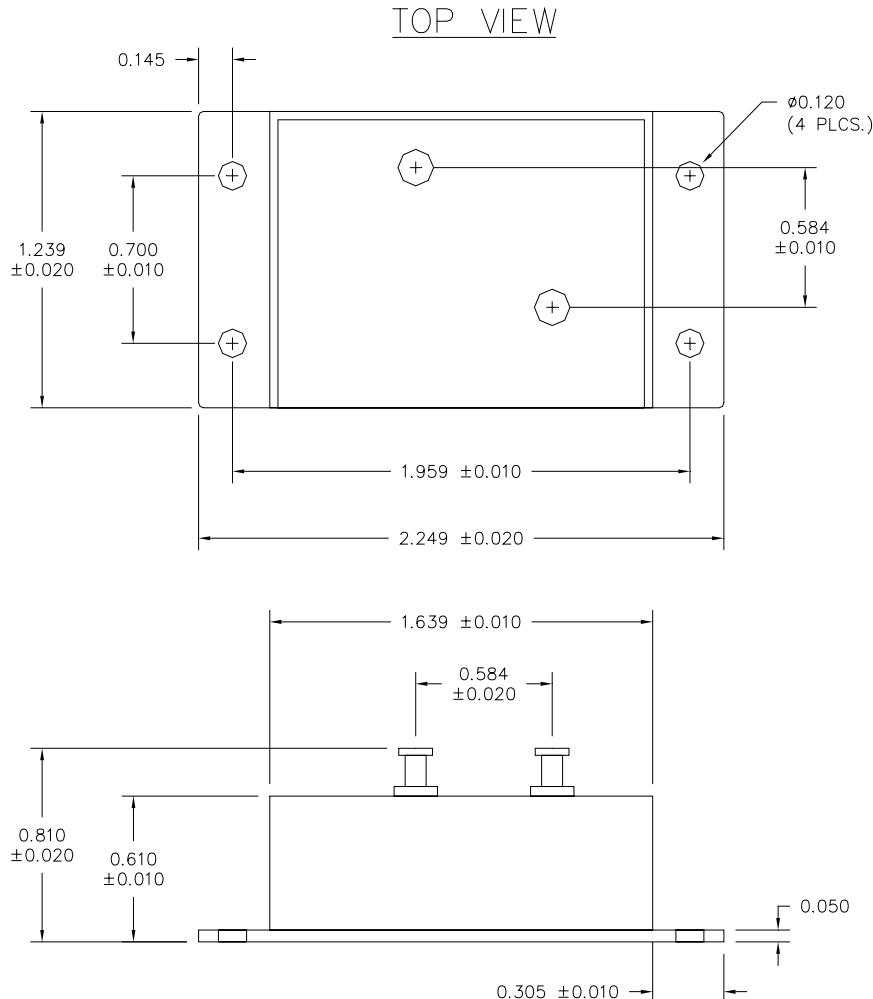
Protection Level:

MIL-STD-1275 Compliant; 100V Surge withstanding with 0.5-ohm source impedance
Non-Hermetic version

Rating	Condition	Minimum	Maximum	Units
Peak Pulse Power Dissipation	@ 25°C, 1ms	-	60	KW
Steady State Power Dissipation	@ 25°C	-	40	Watts
T _{clamping}	0 Volts to V _(BR)	-	< 1x 10 ⁻⁸	Seconds
Operating & Storage Temp.	-	-55	+ 150	°C

Part Number	Reverse Stand-Off Voltage V _{WM} (Volts)	Maximum Reverse Leakage @ V _{WM} I _D (µA)	Minimum Breakdown Voltage @ 10 mA V _(BR) (Volts)	Maximum Clamping Voltage @ I _{PP} V _c (Volts)	Maximum Peak Pulse Current I _{PP} (Amps)
SEN-5282	33	25	36.7	49	120

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