

TECHNICAL DATA  
PART NUMBER SEN-5282, REV C

**High Pulse Power Mil-STD-1275 Transzorb**

**Application:**

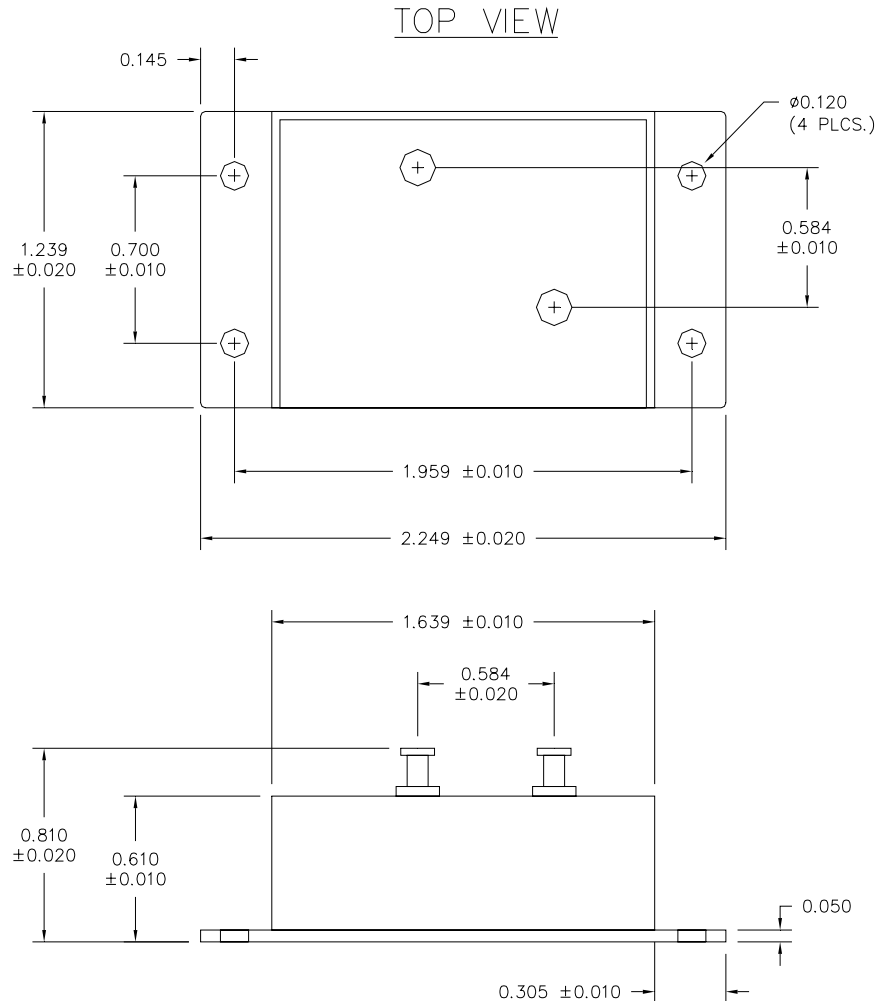
- +28V DC systems
- Allows the use of 55V high efficiency FET
- Increase system reliability through eliminating avalanche FET operation
- Clamping below 55V DC for both 100V and 250V pulse
- High Pulse Power Capability

**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 <sub>clamping</sub>	0 Volts to V <sub>(BR)</sub>	-	< 1x 10 <sup>-8</sup>	Seconds
Operating & Storage Temp.	-	-55	+ 150	°C

Part Number	Reverse Stand-Off Voltage V <sub>WM</sub> (Volts)	Maximum Reverse Leakage @ V <sub>WM</sub> I <sub>D</sub> (μA)	Minimum Breakdown Voltage @ 10 mA V <sub>(BR)</sub> (Volts)	Maximum Clamping Voltage @ I <sub>PP</sub> V <sub>c</sub> (Volts)	Maximum Peak Pulse Current I <sub>PP</sub> (Amps)
SEN-5282	33	25	36.7	49	120

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**PART NUMBER SEN-5282, REV C****DISCLAIMER:**

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