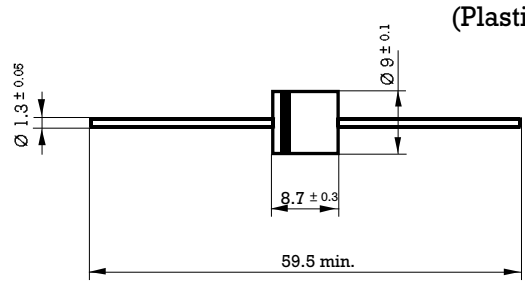



5000 W Load Dump Glass Passivated Automotive Transient Voltage Suppressor

<p>Dimensions in mm.</p> <div style="text-align: right; margin-bottom: 10px;"> P-6 (Plastic) </div>  <p>Mounting instructions</p> <ol style="list-style-type: none"> 1. Min. distance from body to soldering point, 4 mm. 2. Max. solder temperature, 350 °C. 3. Max. soldering time, 3.5 sec. 4. Do not bend lead at a point closer than 4 mm. to the body. 	<ul style="list-style-type: none"> Developped to suppress transient in the automotive system, protecting mobile transceivers, radios and tape decks from overvoltages (width pulses). <div style="text-align: center; margin: 10px 0;">  </div> <ul style="list-style-type: none"> Glass passivated junction Low Capacitance AC signal protection Response time typically < 1 ns. Molded case The plastic material carries U/L recognition 94 V-0 Terminals: Axial leads
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Maximum Ratings, according to IEC publication No. 134

		MR 2520 L
P_{PP}	Peak pulse power with 10/1000 μ s exponential pulse	5000 W
T_j	Operating temperature range	- 65 to + 175 °C
T_{STG}	Storage temperature range	- 65 to + 175 °C

Electrical Characteristics at $T_{amb} = 25\text{ °C}$

V_{RRM}	V_{DC} Peak repetitive reverse voltage	23 V	
I_{RSM}	Repetitive peak reverse surge current (t = 10 msec.)	68 A	
I_R	Max. reverse current at $V_R = 23\text{ Vdc}$	20 μ A	
V_{BR}	Breakdown voltage at $I_R = 100\text{ mA}$	Min.	Max.
		24 V	32 V
U_{CL}	Max. clamping voltage at $I = 40\text{ A}$	40 V	
R_{thj-l}	Max. thermal resistance (l = 10 mm.)	10 °C/W	

