

VOLTAGE & LOAD DUMP SUPPRESSORS



TO-258

130 - 225 Joule Surge Capacity, for 12V Automotive Systems

- Confirm to SAE J1113 for Surge Suppression.
- Hermetically Sealed TO-258 Package.
- Dielectrically Isolated and Passivated Junctions to withstand unusually high surges at high temperatures.

ELECTRICAL SPECIFICATIONS

(@ 25 °C unless otherwise specified).

		SHD924422		SHD924522		SHD924622		
		Min	Max	Min	Max	Min	Max	
Reverse Stand Off Voltage	V_R	-	20	-	20	-	20	Volt
Reverse Leakage at Stand Off Voltage	I_R	-	1000	-	1000	-	1000	μA
Breakdown Voltage @ $I_P = 40$ mA	V_B	28	32	28	32	32	28	Volt
Peak Pulse Circuit	I_P	-	60	-	80	-	100	Amp
Clamping Voltage @ I_P	V_C	-	40	-	40	-	40	Volt
Transient Power Carrying Capacity Max. 10 Consecutive cycles @ 1-minute intervals @ I_P	P_{TR}	-	130	-	170	-	225	Joule