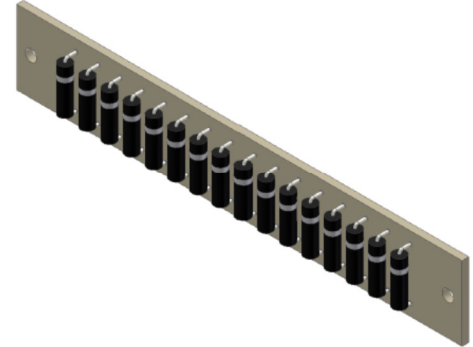




Features

- High voltage, medium current handling assembly
- Assembled with RoHS compliant materials
- Diodes are RoHS compliant to Directive 2011/65/EC, Article 4(1), Annex II; Annex III, 7(a)



Device Electrical Characteristics

(25°C ambient temperature unless stated otherwise)

	Conditions	Symbol	Value
Maximum Repetitive Peak Reverse Voltage	Note 1	V_{RRM}	125,000 Volts
Average Forward Current Maximum	$T_{OIL} = 55^{\circ}\text{C}$	I_{FAVM}	220 mA
Maximum Forward Voltage Drop Per Leg	$I_F = 220 \text{ mA}$	V_F	192 Volts
Maximum Reverse Current	$V_R = V_{RRM}$	I_R	2 μA
Maximum Surge Current rating	8.3 msec, $\frac{1}{2}$ sinewave	I_{FSM}	20 Amps
Maximum Junction Temperature		T_J	125°C
Storage Temperature Range		T_{STG}	-55°C to 150°C

Note 1: To achieve rated current and voltage, entire assembly must be submerged in Shell Diala AX electrical insulating oil or equivalent.

