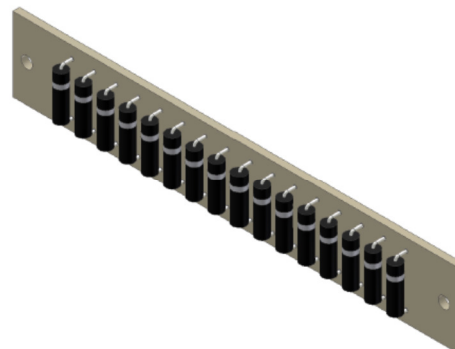




Features

- High voltage, medium current handling assembly
- Fast recovery for high efficiency
- 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} | 100,000 Volts |
| Average Forward Current Maximum | $T_{OIL} = 55^{\circ}C$ | I_{FAVM} | 220 mA |
| Maximum Forward Voltage Drop Per Leg | $I_F = 220 \text{ mA}$ | V_F | 352 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} | 10 Amps |
| Maximum Reverse Recovery Time | | T_{RR} | 100 ηS |
| 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.

