



1HV60K

60 kV, 0.75 Amps
High Voltage Rectifier Block

Features

- Molded epoxy body
- RoHS compliant based on exemption: [2011/65/EC, Annex III, 7(a)]



Device Electrical Characteristics

(25°C ambient temperature unless stated otherwise)

	Conditions	Symbol	Value
Maximum Repetitive Peak Reverse Voltage		V _{RRM}	60,000 Volts
Average Forward Current Maximum	T _A = 55°C	I _{FAVM}	0.75 Amps
Maximum Forward Voltage Drop	I _F = 0.75 Amps	V _F	56 Volts
Maximum Reverse Current	V _R = V _{RRM}	I _R	1.0 μA
Maximum Surge Current	8.3msec, Half Sine	I _{FSM}	50 Amps
Maximum Junction Temperature	-	T _J	150°C
Storage Temperature Range	-	T _{STG}	-55°C to 150°C

