



GPE SERIES

10 to 30kV, 15mA, 100nS
Axial Lead Rectifier Assemblies



Features

- Epoxy Molded Body

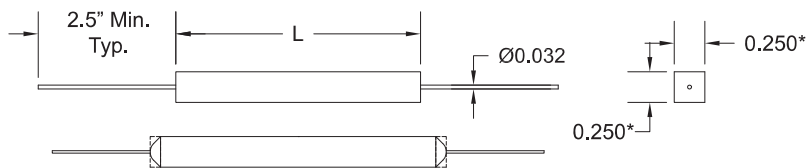
Specifications

Part Number	Values					
	V_{RRM} Maximum Repetitive Reverse Voltage (V)	I_{FAVM} Maximum Average Forward Current (mA) <i>At T_A = 55°C</i>	V_F Maximum Forward Voltage Drop (V) <i>At I_{FAVM}</i>	I_R Maximum Leakage Current (μA) <i>At V_{RRM}</i>	I_{FSM} Maximum Surge Current (A) <i>At 8.3 mS, Single Half Sine</i>	T_{RR} Maximum Reverse Recovery Time (nS) <i>I_F = 0.5 I_{FAVM}; I_R = -I_{FAVM}; I_{RR} = -0.25 I_{FAVM}</i>
G10PE	10000	15	23	0.2	3	100
G12PE	12000	15	25	0.2	3	100
G15PE	15000	15	28	0.2	3	100
G20PE	20000	15	35	0.2	3	100
G25PE	25000	15	42	0.2	3	100
G30PE	30000	15	48	0.2	3	100

Note: Specifications are measured with a 25°C ambient temperature unless stated otherwise.

Temperature		
T_{STG}	Storage Temperature	-55 to 150°C
T_{OP}	Operating Temperature	-55 to 150°C
T_{JMAX}	Maximum Junction Temperature	150°C

Case Outline and Dimensions



Case lengths may have rounded ends

Dimensions	
	L (in)*
G10PE	1.0
G12PE	1.0
G15PE	1.0
G20PE	1.0
G25PE	1.0
G30PE	1.0

*Dimensions in inches, tolerance ±0.020



Note: Specifications subject to change without notice. Photo is representation only.