

Silicon Switching Diode

1N457A

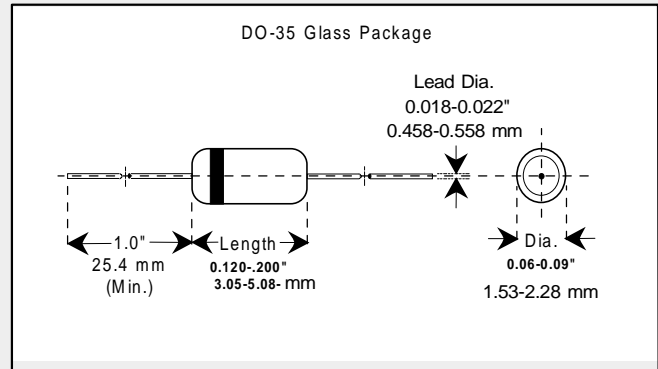
DO-35 Glass Package

Applications

Used in general purpose applications, where a controlled forward characteristic is important.

Features

- Six sigma quality
- BKC's Sigma Bond™ plating for problem free solderability
- LL-35 MELF SMD available
- Hermetic Glass Package
- Extremely low FIT Level



Maximum Ratings	Symbol	Value	Unit	
Peak Inverse Voltage	PIV	70 (Min).	Volts	
Average Rectified Current	I _{avg}	200	mAmps	
Continuous Forward Current	I _{Fdc}	300	mAmps	
Peak Surge Current (t _{peak} = 1 sec.)	I _{peak}	1.0	Amp	
Max. Power Dissipation T _L =50 °C, L = 3/8" from body	P _{tot}	500	mWatts	
Operating Temperature Range	T _{Op}	-80 to +200	°C	
Storage Temperature Range	T _{St}	-80 to +200	°C	
Electrical Characteristics @ 25°C*	Symbol	Minimum	Maximum	Unit
Forward Voltage Drop @ I _F = 100 mA	V _F	***	1.00	Volts
Reverse Leakage @ V _R = 60 V	I _R	***	25	nA
Reverse Leakage @ V _R = 60 V, 100 °C	I _R	***	0.005	mA