

**TECHNICAL DATA**  
**DATA SHEET 5082, REV. -**

**Fast Recovery Rectifier**

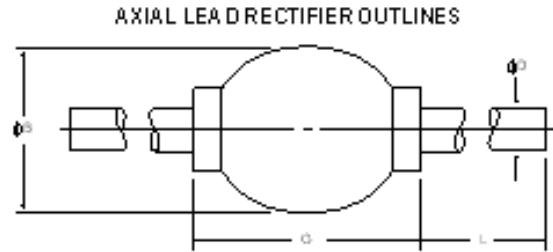
- Hermetic, non-cavity glass package
- Metallurgically bonded
- Operating and Storage Temperature: -65°C to +175°C

TYPE NUMBER	PEAK INVERSE VOLTAGE	MAX. AVG. DC OUTPUT CURRENT		MAXIMUM REVERSE CURRENT @ PIV		MAX. PEAK FORWARD VOLTAGE (PULSED)		PEAK 1 CYCLE SURGE CURRENT	MAXIMUM REVERSE RECOVERY TIME Trr I <sub>F</sub> =0.5A I <sub>RM</sub> =1A I <sub>R(REC)</sub> =0.25A	THERM RESIS R <sub>θJL</sub> d=.375
		Amps	Amps	μAmps	μAmps	V	A			
	Volts	55°C	100°C	25°C	100°C	V	A	Amps	nsec	°C/W
SS5615	200								150	
SS5617	400								150	
SS5619	600	1.0	.75	0.5	25	1.6	3.0	25	250	38
SS5621	800								300	
SS5623	1000								500	

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**MECHANICAL DIMENSIONS In Inches / (mm)**

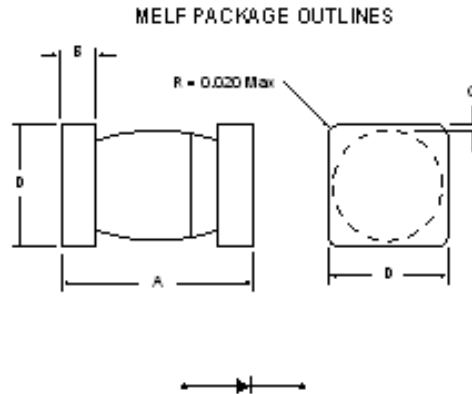
**AXIAL**



Note: Cathode side of device is indicated by a dark band marked on body.

PACKAGE STYLE	DIMENSIONS - INCHES / MILLIMETERS			
	$\phi_B$	$\phi_D$	G	L
102	.065/.110 1.65/2.79	.026/.033 .66/.84	.130/.225 3.30/5.72	1.00/1.30 25.4/33.0

**MELF**



Note: Cathode side of device is indicated by a dark band marked on body.

PACKAGE STYLE	DIMENSIONS - INCHES / MILLIMETERS			
	A	B	C	D
MELF-1	.168/.230 4.2/5.9	0.019/.028 .48/.72	.003 Min .076 Min	.091/.128 2.311/ 3.251

# **SENSITRON** **SEMICONDUCTOR**

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