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_F=0.5A I_{RM}=1A $I_{R(REC(}$=0.25A	THERM RESIS $R_{\theta JL}$ d=.375
		Amps		μAmps						
	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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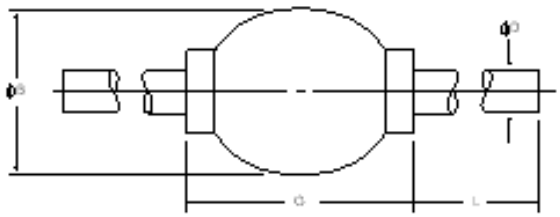
MECHANICAL DIMENSIONS In Inches / (mm)

AXIAL

AXIAL LEAD RECTIFIER OUTLINES

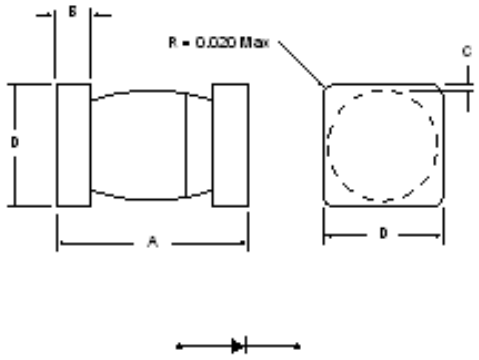


Note: Cathode side of device is indicated by a dark band marked on body.

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

MELF

MELF PACKAGE OUTLINES



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	0.019/.028	.003 Min	.091/.128
	4.2/5.9	.48/.72	.076 Min	2.311/ 3.251

SENSITRON
SEMICONDUCTOR

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