

SENSITRON
SEMICONDUCTOR

1N4245/US thru 1N4249/US

TECHNICAL DATA
DATA SHEET 5083, REV. –

<p>SJ SX SV</p>
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Standard Recovery Rectifier

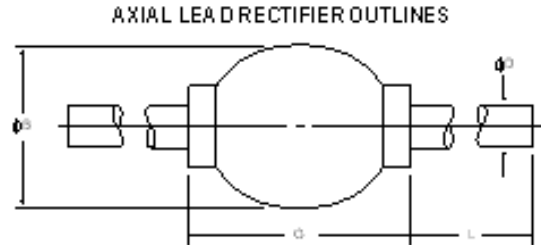
- Hermetic, non-cavity glass package
- Metallurgically bonded
- Operating and Storage Temperature: -65°C to +175°C

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	THERM. RESIS. $R_{\theta JL}$ d=.375"
		Amps	μ Amps		V	A			
	Volts	55°C	25°C	150°C			Amps	nsec	°C/W
1N4245/US	200	1.0	1.0	150	1.3	3.0	25	5000	42
1N4246/US	400								
1N4247/US	600								
1N4248/US	800								
1N4249/US	1000								

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MECHANICAL DIMENSIONS In Inches / (mm)

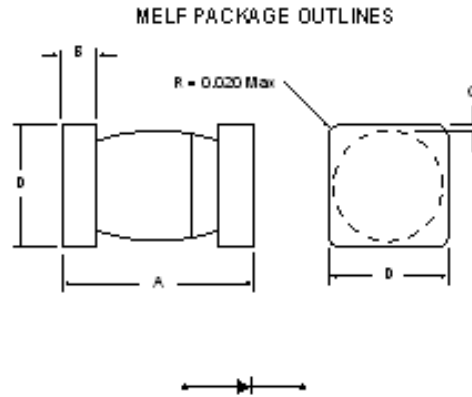
AXIAL



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

PACKAGE STYLE	DIMENSIONS - INCHES / MILLIMETERS			
	ϕ_B	ϕ_D	G	L
103	.065/.150 1.65/3.81	.027/.033 .69/.84	.140/.250 3.56/6.35	1.0/1.50 25.4/38.1

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	0.019/0.028 .48/.72	.003 Min .076 Min	.091/.128 2.311/ 3.251

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