

TECHNICAL DATA
 DATA SHEET 5083, REV. A

JAN
 JANTX
 JANTXV

SJ
 SX
 SV

Standard Recovery Rectifier

Features / Benefits:

- ✓ Hermetic, non-cavity glass package
- ✓ Metallurgically bonded
- ✓ JAN/ JANTX/ JANTXV available per MIL-PRF-19500/286

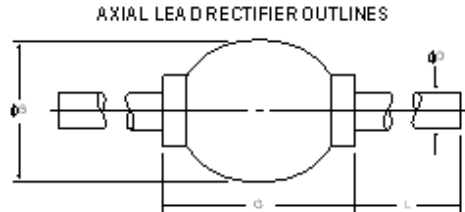
Maximum Ratings:

- ✓ Operating and Storage Temperature: -65°C to +175°C
- ✓ Thermal Resistance: 42 °C (junction to lead)
- ✓ Forward surge current

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	V	A	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								

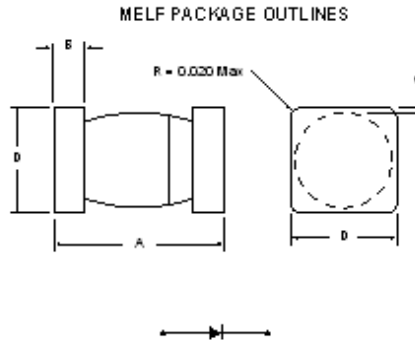
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MECHANICAL DIMENSIONS In Inches / (mm)



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

PACKAGE STYLE	DIMENSIONS - INCHES / MILLIMETERS			
	ϕB	ϕD	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



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

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