TECHNICAL DATA
DATA SHEET 5090, REV. –

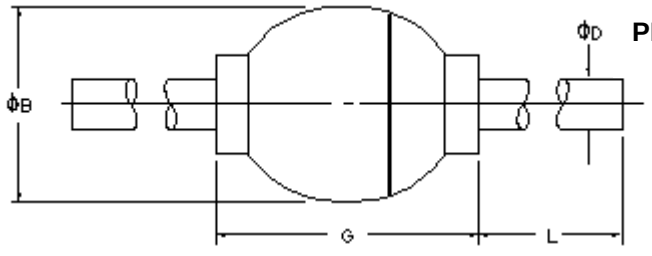
Ultrafast Recovery Rectifier

- Hermetic, non-cavity glass package
- Metallurgically bonded
- Operating and Storage Temperature: -65°C to +175°C
- Peak Forward Surge Current @ 25 °C:
  SS6620/US thru SS6624/US: 20A
  SS6625/US: 15A
- Thermal Resistance d=.375" (Axial, pkg 106): 38°C/W
- Thermal Resistance (MELF-A): 20°C/W
- Capacitance at V_R=10V:10pF

TYPE NUMBER	PEAK INVERSE VOLTAGE	MAXIMUM REVERSE CURRENT @ PIV (μAmps)		MAX. PEAK FORWARD VOLTAGE (PULSED)		PEAK RECOVERY CURRENT	MAXIMUM REVERSE RECOVERY TIME I_F= 0.5A I_{RM}=1.0A $I_{R(REC)}$=0.25A	AVERAGE RECTIFIER FORWARD CURRENT @ 25 °C:
	Volts	25°C	150°C ±	V	A	Amps	nsec	A
SS6620/US	200	0.5	150	1.60	2.0	3.5	30	1.2
SS6621/US	400	0.5	150	1.60	2.0	3.5	30	1.2
SS6622/US	600	0.5	150	1.60	2.0	3.5	30	1.2
SS6623/US	800	0.5	150	1.80	1.5	4.2	50	1.0
SS6624/US	900	0.5	150	1.80	1.5	4.2	50	1.0
SS6625/US	1000	1.0	200	1.95	1.5	5.0	60	1.0

MECHANICAL DIMENSIONS In Inches / (mm)

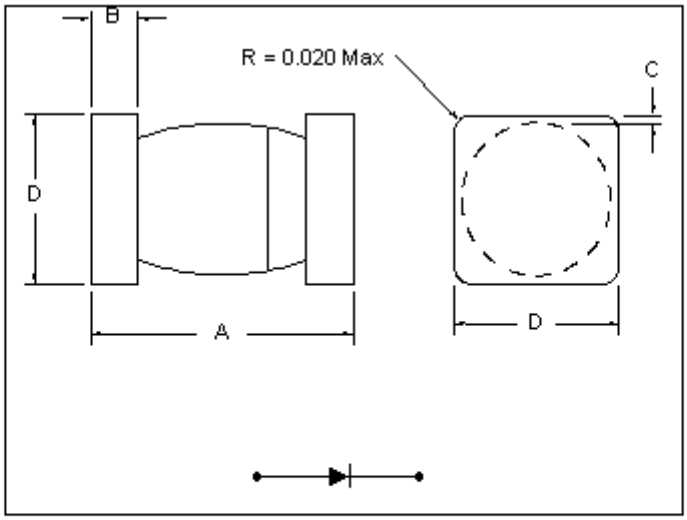
SS6620 thru SS6625



PACKAGE STYLE	DIMENSIONS - INCHES / MILLIMETERS			
	ΦB	ΦD	G	L
106	.065/.085 1.65/2.16	.027/.032 .69/.81	.125/.250 3.18/6.35	.700/1.30 17.78/33.02

TECHNICAL DATA
DATA SHEET 5090, REV. –

SS6620US thru SS6625US



PACKAGE STYLE	DIMENSIONS - INCHES / MILLIMETERS			
	A	B	C	D
MELF-A	.168/.200 4.27/5.08	0.019/.028 .48/.71	.003 Min .08 Min	.091/.103 2.31/2.62