

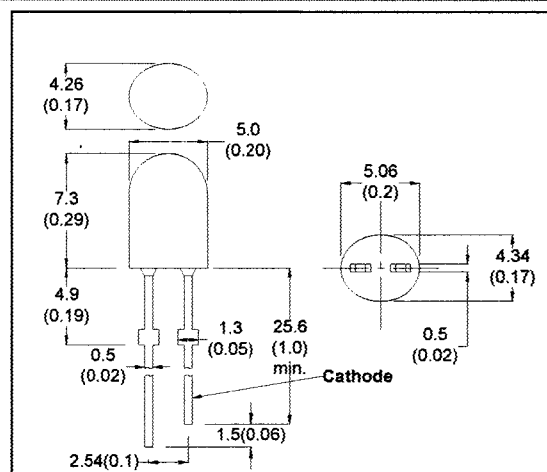
MELECTRONICS MICRO

MSZ2310TA-5

ULTRA HIGH
BRIGHTNESS
OVAL-SHAPED
SUPER RED LED LAMP

DESCRIPTION

MSZ2310TA-5 is a GaAlAs super red LED lamp encapsulated in a 5mm diameter oval type clear transparent lens.

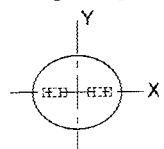


- ALL DIMENSION IN MM(INCH)
- TOL. : ± 0.3 MM
- NO SCALE

ABSOLUTE MAXIMUM RATINGS

Power Dissipation @ $T_a=25^\circ\text{C}$	100mW
Forward Current, DC (IF)	40mA
Reverse Voltage	5V
Operating & Storage Temperature Range	-55 to $+100^\circ\text{C}$
Lead Soldering Temperature (1/16" from body)	260°C for 5 sec.

ELECTRO-OPTICAL CHARACTERISTIC: ($T_a=25^\circ\text{C}$)

PARAMETER	SYMBOL	MIN	TYP	MAX	UNIT	CONDITIONS
Forward Voltage	VF		1.8	2.4	V	IF=20mA
Reverse Breakdown Voltage	BVR	5			V	IR=100 μ A
Viewing Angle	$\theta_{1/2}$					
 X-axis			50		degree	IF=20mA
Y-axis			25		degree	IF=20mA
Luminous Intensity	IV	550	1000		mcd	IF=20mA
Peak Wavelength	λ_p		660		nm	IF=20mA
Spectral Line Half Width	$\Delta\lambda$		20		nm	IF=20mA



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