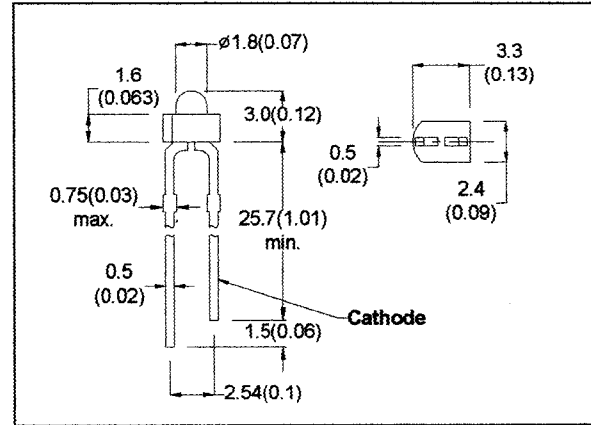


DESCRIPTION

MSE18TA-X is an ultra high brightness output red GaAlAs LED lamp encapsulated in a dot point, 1.8mm diameter clear transparent lens. 6 brightness grouping is provided for customer's selection.



- All Dimension in mm (inch)
- No Scale
- Tol: +/- 0.3mm

ABSOLUTE MAXIMUM RATINGS

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

ELECTRO-OPTICAL CHARACTERISTICS (Ta=25°C)

PARAMETER	SYMBOL	MIN	TYP	MAX	UNIT	CONDITIONS
Forward Voltage	VF			2.4	V	IF=20mA
Reverse Breakdown Voltage	BVR	5			V	IR=100μA
Luminous Intensity	IV				mcd	IF=20mA
		25	50		mcd	IF=20mA
MSE18TA &		50	100		mcd	IF=20mA
		80	120		mcd	IF=20mA
		120	160		mcd	IF=20mA
		180	250		mcd	IF=20mA
		260	400		mcd	IF=20mA
Peak Wavelength	λp		660		nm	IF=20mA
Spectral Line Half Width	Δλ		20		nm	IF=20mA
Viewing Angle	2θ 1/2		24		degree	IF=20mA

MICRO ELECTRONICS LTD.

38, Hung To Road, Microtron Building, Kwun Tong, Kowloon, Hong Kong.
 Kwun Tong P.O. Box 69477 Hong Kong. Fax No. 2341 0321 Telex: 43510 Micro Hx. Tel: 2343 0181-5

Aug-98