MICRO ELECTRONICS

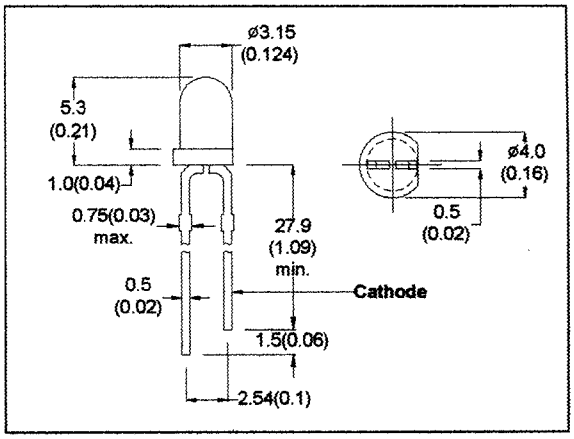
MYB31D
MYB31TA
MYB31W

YELLOW LED LAMPS

DESCRIPTION

MYB31 Series are yellow LED lamp with 3mm diameter epoxy package.

MYB31C is yellow chip with yellow transparent lens.
MYB31D is yellow chip with yellow diffused lens.
MYB31TA is yellow chip with clear transparent lens.
MYB31W is yellow chip with clear diffused lens.



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

ABSOLUTE MAXIMUM RATINGS

Power Dissipation @Ta=25°C	60mW
Forward Current, DC (IF)	20mA
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	MYB31C	MYB31D	MYB31TA	MYB31W	UNIT	CONDITIONS
Forward Voltage	MAX	VF	3.0	3.0	3.0	3.0	V	IF=20mA
Reverse Breakdown Voltage	MIN	BVR	5	5	5	5	V	IR=100 μA
Luminous Intensity	MIN	IV	50	15	50	15	mcd	IF=20mA
	TYP		90	25	90	25	mcd	
Peak Wavelength	TYP	$\lambda\rho$	585	585	585	585	nm	IF=20mA
Spectral Line Half Width	TYP	$\Delta\lambda$	35	35	35	35	nm	IF=20mA
Viewing Angle	TYP	2θ 1/2	40	60	40	60	degree	IF=20mA

MICRO ELECTRONICS LTD.
38, Hung To Road, Microtron Bulding, 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-99