

DESCRIPTION

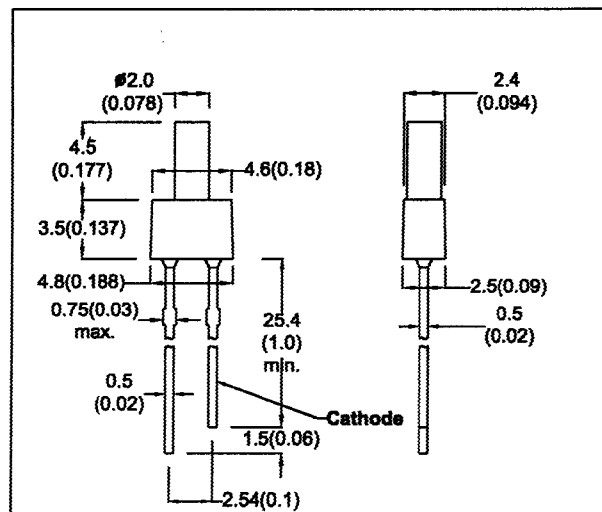
This series are high efficiency LED lamp with dot point 2.0mm diameter epoxy package.

MSB20DA-0 is GaAlAs LED with a red diffused lens.

MGB20D is GaP LED with a green diffused lens.

MYB20DO is GaAsP LED with an orange diffused lens.

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



ABSOLUTE MAXIMUM RATINGS

Power Dissipation (@ Ta=25°C)

Forward Current, DC (IF)

Reverse Voltage

Operating & Storage Temperature Range

Lead Soldering Temperature (1/16" from body)

MSB20DA-0

95mW

40mA

5V

MGB20D

90mW

30mA

5V

MYB20DO

60mW

20mA

5V

-55 to +100°C
 260°C for 5 sec.

ELECTRO-OPTICAL CHARACTERISTICS (Ta=25°C)

PARAMETER	SYMBOL	MSB20DA-0	MGB20D	MYB20DO	UNIT	CONDITIONS
Forward Voltage	MAX VF	2.4	3.0	3.0	V	IF=20mA
Reverse Breakdown Voltage	MIN BVR	5	5	5	V	IR=100µA
Luminous Intensity	MIN IV	8.0	8.0	5.0	mcd	IF=20mA
	TYP	13	16	10	mcd	IF=20mA
Peak Wavelength	TYP λp	660	570	595	nm	IF=20mA
Spectral Line Half Width	TYP Δλ	20	30	40	nm	IF=20mA
Viewing Angle	TYP 2θ 1/2	152	152	152	degree	IF=20mA



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MSB2000 MSB2000A-0 MSB2000Q

