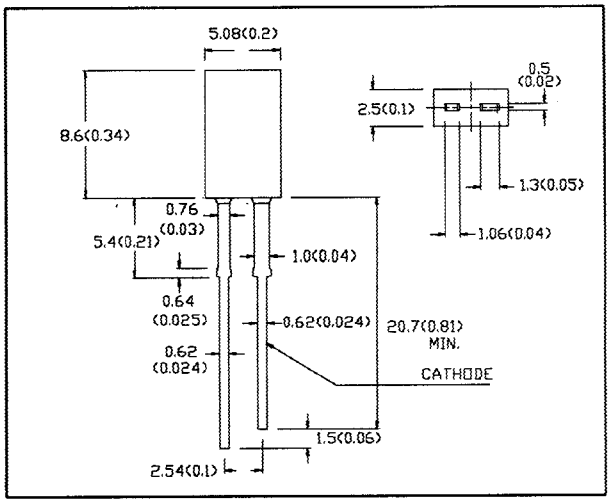
MICRO ELECTRONICS

MO61DR
MG61D
MY61D

DESCRIPTION

This series of solid state indicators are encapsulated in rectangular epoxy package.
They are stackable in X or Y direction.

MS61D is red chip with red diffused lens.
MR61D is red chip with red diffused lens.
MO61D is orange chip with orange diffused lens.
MO61DR is high efficiency red chip with red diffused lens.
MG61D is green chip with green diffused lens.
MY61D is yellow chip with yellow diffused lens.



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

ABSOLUTE MAXIMUM RATINGS

	MS61D	MR61D	MO61D	MO61DR	MG61D	MY61D	UNIT
Power Dissipation @ Ta=25℃	40	80	100	100	100	60	mW
Forward Current, DC (IF)	15	40	30	30	30	20	mA
Reverse Voltage	5	5	5	5	5	5	V
Operating & Storage Temperature Range	-55 to +100						℃
Lead Soldering Temperature (1/16" from body)	260						℃

LECTRO-OPTICAL CHARACTERISTIC (Ta=25℃)

PARAMETER		SYMBOL	MS61D	MR61D	MO61D	MO61DR	MG61D	MY61D	UNIT	CONDITIONS
Forward Voltage	MAX	VF	3.0	2.0	3.0	3.0	3.0	3.0	V	IF=20mA
Reverse Breakdown Voltage	MIN	BVR	5	5	5	5	5	5	V	IR=100 μA
Luminous Intensity	MIN	IV	300	220	1800	1800	2000	1500	μcd	IF=20mA
	TYP		400	350	2850	2850	3000	2000	μcd	IF=20mA
Peak Wavelength	TYP	λρ	700	660	630	640	570	585	nm	IF=20mA
Spectral Line Half Width	TYP	Δλ	100	20	35	35	30	35	nm	IF=20mA
Viewing Angle	TYP	2θ 1/2	180	180	180	180	180	180	nm	IF=20mA

* MS61D : IF=10mA.

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Feb-99