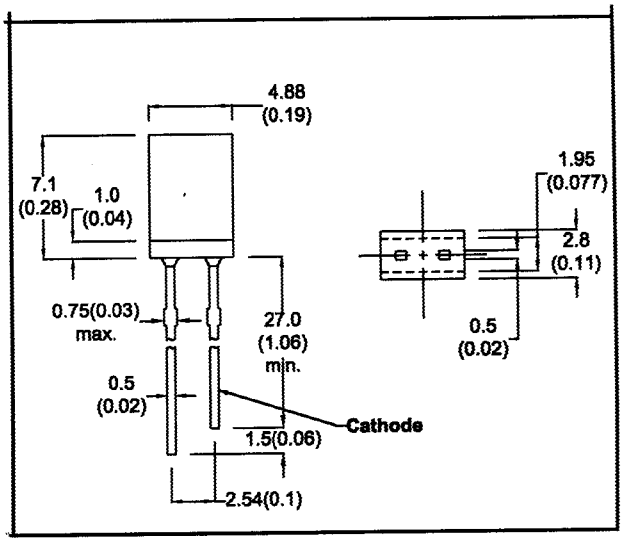
MICRO ELECTRONICS

MRB62D
MOB62D
MOB62DR
MGB62D
MYB62D

DESCRIPTION

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

MSB62D is red chip with red diffused lens.
MSB62DA is GaAlAs red chip with red diffused lens.
MRB62D is red chip with red diffused lens.
MOB62D is orange chip with orange diffused lens.
MOB62DR is high efficiency red chip with red diffused lens.
MGB62D is green chip with green diffused lens.
MYB62D is yellow chip with yellow diffused lens.



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

ABSOLUTE MAXIMUM RATINGS

	MSB62D	MSB62DA	MRB62D	MOB62D	MOB62DR	MGB62D	MYB62D	UNIT
Power Dissipation @ Ta=25°C	40	40	80	100	100	100	60	mW
Forward Current. DC (IF)	15	40	40	30	30	30	20	mA
Reverse Voltage	5	5	5	5	5	5	5	V
Operating & Storage Temperature Range	-55 to +100							°C
Lead Soldering Temperature (1/16" from body)	260							°C

ELECTRO-OPTICAL CHARACTERISTIC (Ta=25°C)

PARAMETER		SYMBOL	MSB62D	MSB62DA	MRB62D	MOB62D	MOB62DR	MGB62D	MYB62D	UNIT	CONDITIONS
Forward Voltage	MAX	VF	3.0	3.0	3.0	3.0	3.0	3.0	3.0	V	IF=20mA
Reverse Breakdown Voltage	MIN	BVR	5	5	5	5	5	5	5	V	IR=100μA
Luminous Intensity	MIN	IV	0.6 *	7	0.4	3	3	3.5	2.5	mcd	IF=20mA
	TYP		0.8	10	0.65	5	5	6	3.5	mcd	
Peak Wavelength	TYP	λp	700	660	660	630	640	570	585	nm	IF=20mA
Spectral Line Half Width	TYP	Δλ	100	20	20	40	40	30	35	nm	IF=20mA

* IF=10mA.

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