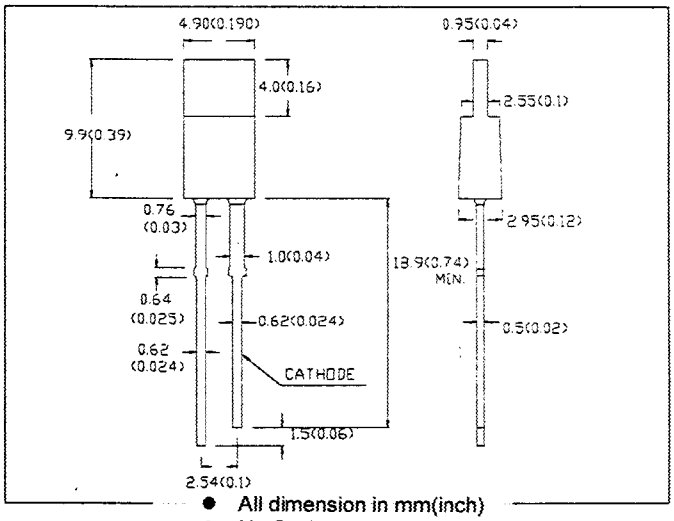
MICRO ELECTRONICS

MY73D
MO73D
MO73DR

DESCRIPTION

MX73D is a red LED encapsulated in a 1mm x 5mm rectangular bars package..

MS73D is a GaP/GaP red LED with red diffused lens.
MR73D is a GaAsP/GaAs red LED with red diffused lens.
MG73D is a GaP/GaP green LED with green diffused lens.
MY73D is a GaAsP/GaP yellow LED with yellow diffused lens.
MO73D is a GaAsP/GaP orange LED with orange diffused lens.
MO73DR is a GaAsP/GaP orange LED with red diffused lens.



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

ABSOLUTE MAXIMUM RATINGS

	MS73D	MR73D	MG73D	MY73D	MO73D	MO73DR	UNIT
Power Dissipation @ Ta=25℃	45	80	100	60	100	100	mW
Forward Current. DC (IF)	15	40	30	20	30	30	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						℃

ELECTRO-OPTICAL CHARACTERISTICS (Ta=25℃)

PARAMETER		SYMBOL	MS73D	MR73D	MG73D	MY73D	MO73D	MO73DR	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	0.18*	0.12	1.1	0.8	0.95	0.95	mcd	IF=20mA
Peak Wavelength	TYP	λρ	700	660	570	585	630	640	nm	IF=20mA
Spectral Line Half Width	TYP	Δλ	100	20	30	35	40	40	nm	IF=20mA

* IF=10mA.

Rev A

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