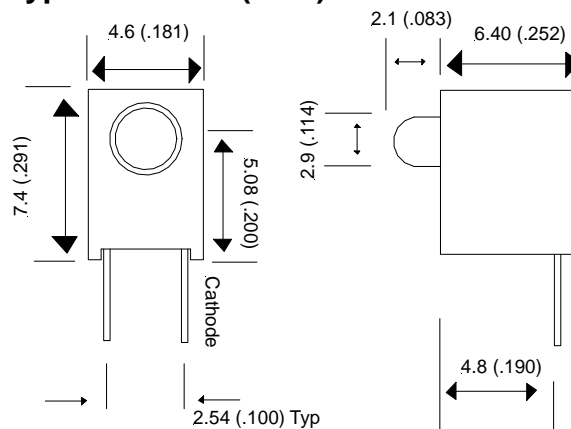




MCDL-354XD/H302 (3MM PCB .200 CENTERLINE)

Lens Color: Color Diffused
Dimension: 3 mm
Housing: 94V-0 Black Housing, Polyphthalamide (PPA)



Absolute Maximum Rating: (Ta=25°C)

Parameter			Units
DC Forward Current	10		MA
Reverse Voltage	5		V
Power Dissipation	115		MW
Peak Forward Current, tw=1 msec. Duty = 1/20	180		MA
Operating Temperature	-40°	+80°	°C
Storage Temperature	-40°	+100°	°C
Solder DIP (5 seconds, 1.6mm from body) Temperature	260°	±5°	°C

Electrical Characteristics At Ta= 25°C

Part Number	Emitted Color		Peak Wavelength λ PEAK	Pd mW	V _F (V) Typ.	I _F mA	Viewing Angle 2θ Deg.	I _V (I _F = 10mA) MCD	
								Min	Typ.
MCDL-354RD/H302	GaAsP	Red	655	110	1.7	10-20	60	0.5	3.0
MCDL-354HD/H302	GaP	Bright Red	700	45	2.1	10-20	60	0.8	5.0
MCDL-354ED/H302	GaAsP/GaP	Hi Eff. Red	635	100	2.0	10-20	60	3.0	20
MCDL-354ED-E/H302	GaAsP/GaP	Orange	635	100	2.0	10-20	60	3.0	20
MCDL-354GD/H302	GaP	Green	565	100	2.1	10-20	60	2.5	12.5
MCDL-354YD/H302	GaAsP/GaP	Yellow	585	100	2.1	10-20	60	2.5	12.5
MCDL-354AD/H302	GaAlAs/GaP	Amber	585	100	2.1	10-20	60	2.5	12.5
MCDL-354SRD/H302	GaAlAs	Super Red	660	60	1.8	10-20	60	50	100
MCDL-354LRD/H302	GaAlAs	Super Red	660	60	1.8	10-20	60	100	200
MCDL-354URD/H302	GaAlAs	Super Red	660	60	1.8	10-20	60	200	300
MCDL-354SBD/H302	InGaN	Super Blue	470	120	3.5	18-22	60	800	1000

Notes:

1. All Dimensions are in millimeters.
2. Tolerance is ± 0.25mm (0.010") unless otherwise specified.
3. Specifications are subject to change without notice.