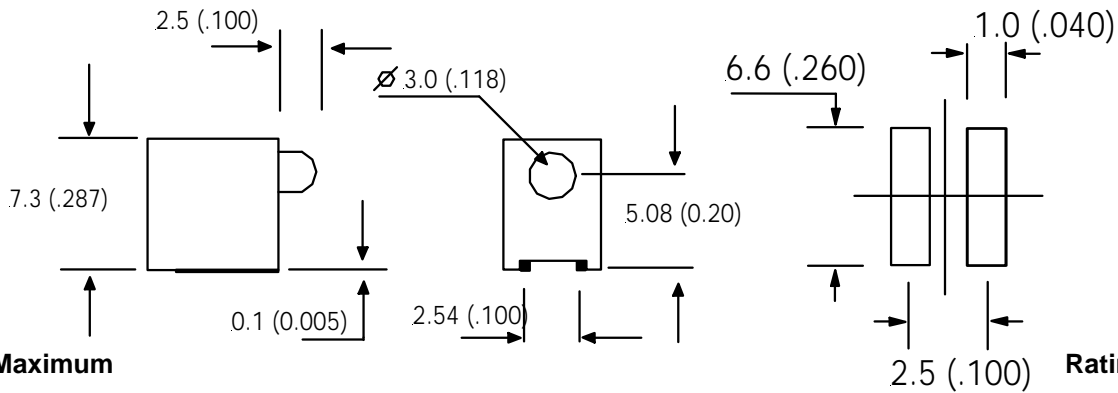




MCDSM200XD (3MM SMD ASSEMBLY .200 CENTERLINE)

Lens Color: **Color Diffused**
 Features: **94V-0 Black Housing, Polyphthalamide (PPA)**
Re-Flow & IR Compatible



Absolute Maximum
(Ta=25°C)

Rating:

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		Wavelength	I _F	V _F	I _V
	Chip	Color	λ PEAK	mA	(V)	mcd
				Typ	Typ	Typ
MCDL-SM200RD	GaAsP	Red	660	20	1.7	8.0
MCDL-SM200GD	GaP	Green	565	20	2.1	15.0
MCDL-SM200YD	GaAsP/GaP	Yellow	585	20	2.2	18.0
MCDL-SM200SRD	GaAlAs	Super Red	660	20	1.8	60.0
MCDL-SM200ED	GaAsP/GaP	HER	635	20	1.8	30.0
MCDL-SM200BD	GsiC	Blue	430	20	3.5	45.0
MCDL-SM200BD-470	InGaN	Blue /Clear*	470	20	3.2	1500

* water clear LED

Part Number	Emitted Color		Wavelength	I _F	V _F	I _V
	Chip	Color	λ PEAK	mA	(V)	mcd
Low Current				Typ	Typ	Typ
MCDL-SM200ED-LC	GaAsP/GaP	HER	635	2	1.8	2.50
MCDL-SM200GD-LC	GaP	Green	565	2	1.8	2.50
MCDL-SM200YD-LC	GaAsP/GaP	Yellow	585	2	1.8	2.50

Notes:

- All Dimensions are in millimeters (inches).
- Specifications are subject to change without notice.