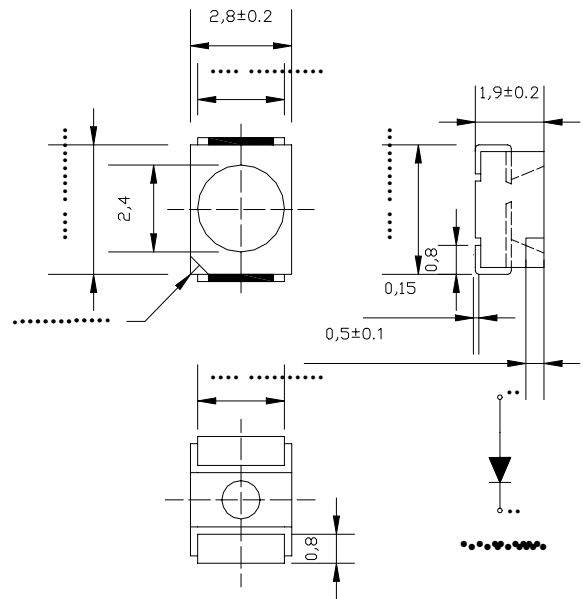




MCDL-1210xx (3.1X2.8mm TOP TYPE) Infrared diode LED

ABSOLUTE MAXIMUM RATING:(Ta=25°)

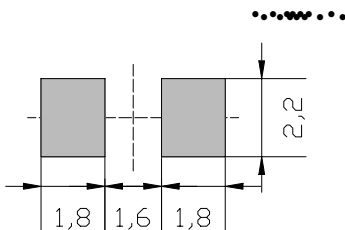
Parameter	Symbol	Max	Unit
DC Forward Current	I _F	30	mA
Reverse Voltage	V _R	5	V
Reverse Current (V _r =5V)	I _R	10	μA
Peak Forward Current ,tw ,=1 msec Duty ,=1/20	I _{FP}	80	mA
Operation Temperature	Topr	-40-85	• •
Storage Temperature	Tstg	-55-100	• •
Solder Dip (5 seconds,1.6mm from body) Temperature		260	• •



Features:

- Compatible with automatic placement equipment
- Compatible with reflow solder process

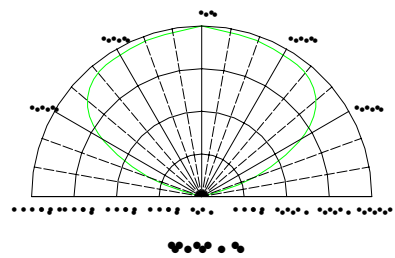
Soldering Pad Dimensions



Applications:

- Automotive and Telecommunication
- General use for indicators

Viewing Pattern



Part Number	EMITTED COLOR		Lens Color	Peak Wavelength (nm)	Vf (v) Typ	IV (If=20mA) mW	View Angle 2• 1/2
						Radiant Power	
MCDL-1210IRAB	GaAIAs	Infrared	Water Clear	940	1.5	1.8	120• •
MCDL-1210IRBB	GaAIAs	Infrared	Water Clear	880	1.4	5.0	120• •
MCDL-1210IRCB	GaAIAs	Infrared	Water Clear	850	1.4	6.0	120• •