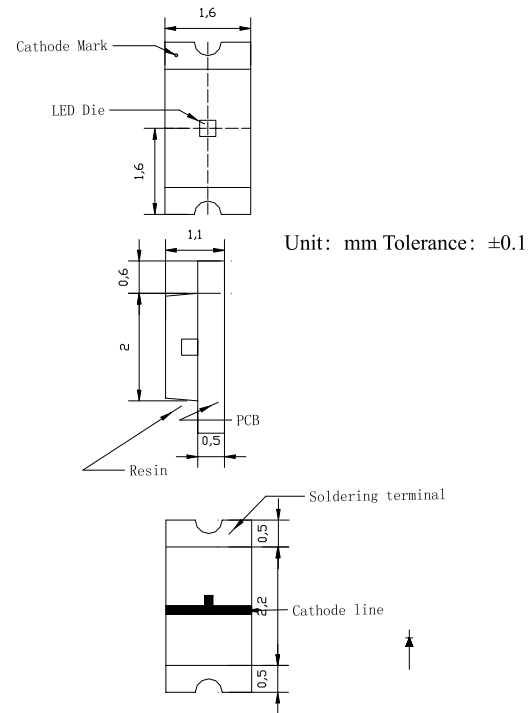




MCD-1206xx (1206 SMD TYPE) Ultra Brightness

ABSOLUTE MAXIMUM RATING:(Ta=25°C)

Parameter			Unit
DC Forward Current	30		mA
Reverse Voltage	5		V
Reverse Current (Vr=5V)	10		µA
Peak Forward Current ,tw ,=1 msec Duty ,=1/20	150		mA
Operation Temperature	-40	+80	°C
Storage Temperature	-40	+100	°C
Solder Dip Temperature (5 seconds, 1.6mm from body)	300	±5	°C



Features:

Compatible with automatic placement equipment
Compatible with reflow solder process

Applications:

Automotive and Telecommunication
General use for indicators

Part Number	EMITTED COLOR		Lens Color	Peak Wavelength (nm)	Vf (v) Typ.	IV (If=20mA) mcd		View Angle 2 θ 1/2
						Min.	Typ.	
MCD-1206UHRC	ALGalnp	Super Brightness Red	Water Clear	630	2.0	90	160	120°
MCD-1206UEC	ALGalnp	Super Brightness Orange	Water Clear	620	2.1	135	350	120°
MCD-1206UYC	ALGalnp	Super Brightness Yellow	Water Clear	590	2.1	150	350	120°
MCD-1206UBC	GaN	Super Brightness Blue	Water Clear	470	3.2	90	150	120°
MCD-1206UGC	ALGalnp	Super Brightness Green	Water Clear	574	3.4	110	330	120°