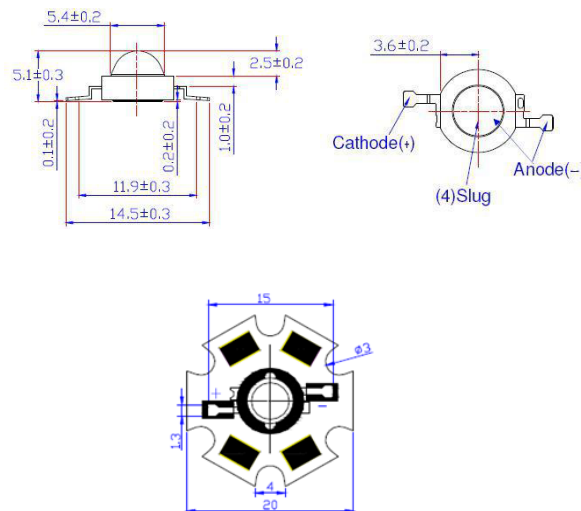




MCDL-L20-750HPXX (3W HIGH POWER LED)

ABSOLUTE MAXIMUM RATING:(Ta=25°C)

Parameter	Symbol	Max	Unit
DC Forward Current	IF	750	mA
Reverse Voltage	VR	5	V
Power Dissipation	Pd	3000	mw
Peak Forward Current ,tw ,=1 msec Duty ,=1/20	IFP	1	A
Operation Temperature	Topr	-40- +80	°C
Storage Temperature	Tstg	-40- +100	°C
LeadSoldering Temperature (6 seconds)	Tsol	260	°C



Notes: 1. All dimension units are millimeters.
2. All dimension tolerance is ±0.2mm unless otherwise noted.

Part Number	EMITTED COLOR		Lens Color	Peak Wave length (nm)	Vf (v) Typ.	IV (If=20mA) Im		View Angle 2 θ 1/2
						Min.	Max	
MCDL-L20-750HP3RE	GaAsP/Gap	Red	water Clear	625	2.2-2.6V	60	80	140°
MCDL-L20-750HP3YE	GaAsP/Gap	Yellow	water Clear	590	2.2-2.6V	60	80	140°
MCDL-L20-750HP3GE	Gap	Green	water Clear	520	3.4-3.8V	100	120	140°
MCDL-L20-750HP3BE	GaN/SiC	Bule	water Clear	465	3.4-3.8V	30	40	140°
MCDL-L20-750HPWW		warm white	water Clear	2900k-3300k	3.4-4.0V	180	220	140°
MCDL-L20-750HPCW		cold white	water Clear	5500k-9000k	3.4-4.0V	180	220	140°