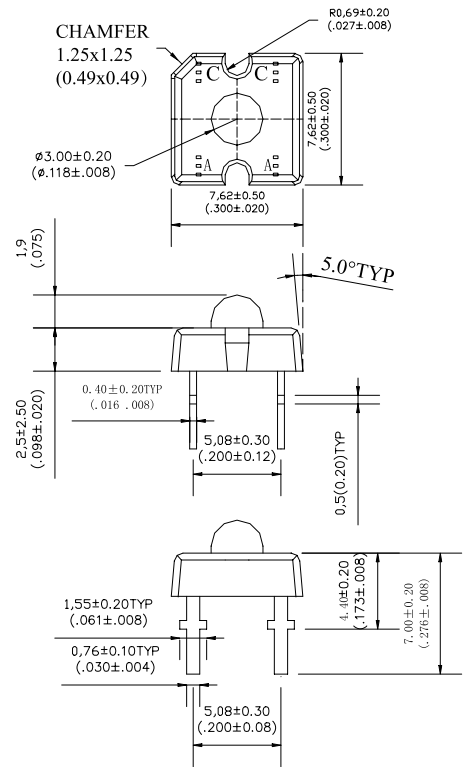




MCD-1870xx (7.62x7.62) PIRANHA TYPE Flux LED Lamp

ABSOLUTE MAXIMUM RATING:(Ta=25°C)

Parameter			Unit
DC Forward Current	40		mA
Reverse Voltage	5		V
Reverse Current (Vr=5V)	10		µA
Peak Forward Current ,tw ,=1 msec Duty ,=1/20	180		mA
Operation Temperature	-40	+80	°C
Storage Temperature	-40	+100	°C
Solder Dip (5 seconds, 1.6mm from body) Temperature	300	±5	°C



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-1870UEC	AlGaInP	Orange Red	Water Clear	625	2.0	600	700	45°
MCD-1870URC	GaAlAs	Pure Red	Water Clear	660	1.9	500	600	45°
MCD-1870UYC	AlGaInP	Yellow	Water Clear	590	2.0	500	600	45°
MCD-1870UEC-TL	AlGaInP	Orange Red	Water Clear	625	2.0	1400	1600	55°
MCD-1870UYC-TL	AlGaInP	Yellow	Water Clear	590	2.0	1700	1900	50°
MCD-1870UYOC-TL	AlGaInP	Amber	Water Clear	610	2.0	1500	1800	45°
MCD-1870UBC	InGaN	Blue	Water Clear	470	3.5	700	900	45°
MCD-1870BGC	InGaN	Cyan	Water Clear	505	3.5	1300	1500	45°
MCD-1870PGC	InGaN	Pure Green	Water Clear	525	3.5	2000	2500	45°
MCD-1870UBC-TL	InGaN	Blue	Water Clear	470	3.5	1300	1500	40°
MCD-1870BGC-TL	InGaN	Cyan	Water Clear	505	3.5	1500	1800	45°
MCD-1870PGC-TL	InGaN	Pure Green	Water Clear	525	3.5	2600	3000	45°
MCD-1870UWC	InGaN	Ultra White	Water Clear	5500K-7000K	3.5	2300	2600	45°
MCD-1870UWC-15C	InGaN	Ultra White	Water Clear	5500K-7000K	3.5	3000	3500	45°