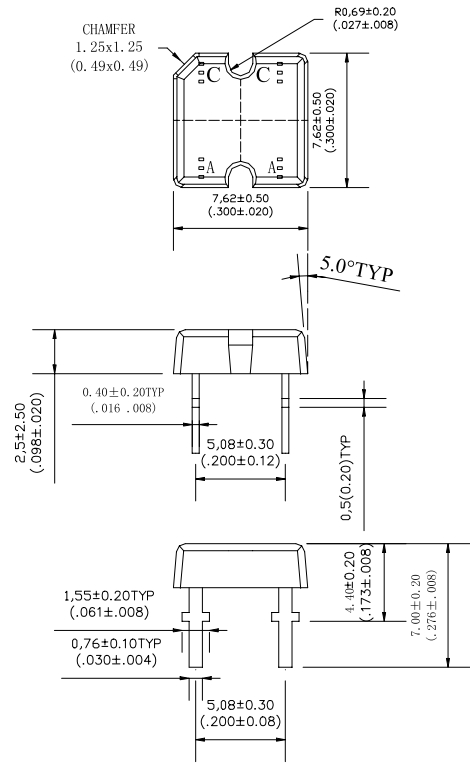




## MCD-1850xx (7.62x7.62) PIRANHA TYPE Flux LED Lamp

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-1850UEC	AlGaInP	Orange Red	Water Clear	625	2.0	150	250	100°
MCD-1850URC	GaAlAs	Super Red	Water Clear	660	1.9	50	70	100°
MCD-1850UYC	AlGaInP	Yellow	Water Clear	590	2.0	300	400	100°
MCD-1850UBC	InGaN	Blue	Water Clear	470	3.5	200	300	90 °
MCD-1850BGC	InGaN	Cyan	Water Clear	505	3.5	350	450	120°
MCD-1850PGC	InGaN	Pure Green	Water Clear	525	3.5	400	500	100°
MCD-1850UEC-TL	AlGaInP	Orange Red	Water Clear	625	2.0	250	350	100°
MCD-1850UYC-TL	AlGaInP	Yellow	Water Clear	590	2.0	300	400	100°
MCD-1850UBC-TL	InGaN	Blue	Water Clear	470	3.5	400	500	80 °
MCD-1850BGC-TL	InGaN	Cyan	Water Clear	505	3.5	350	450	100°
MCD-1850PGC-TL	InGaN	Pure Green	Water Clear	525	3.5	600	800	80 °
MCD-1850UWC	InGaN	Ultra White	Water Clear	5500K-7000K	3.5	350	450	100°
MCD-1850UWC-15C	InGaN	Ultra White	Water Clear	5500K-7000K	3.5	500	600	100°