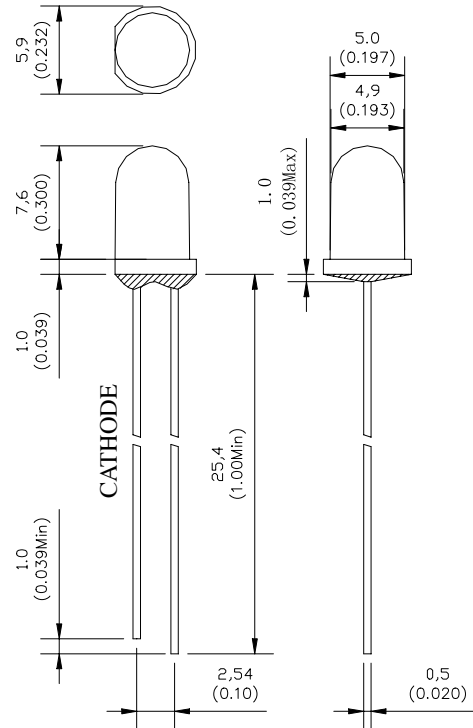




MCD-5013WC (Φ 5mm ROUND TYPE) Ultra Brightness LED

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 (5 seconds,1.6mm from body) Temperature | 300 | ±5 | °C |



Feature:

- 1.Small flange without stand-off
- 2.Long life-solid state reliability
- 3.Long lead length(25.4mm)
- 4.Versatile mounting on P.C. board or panel

Description:

- 1.The shape of this series is round
- 2.General application is for indication,illumination,etc.
- 3.These LED lamps are available with a choice of defferent colors,light intensities,epoxy colors,etc.

| Part Number | EMITTED COLOR | | Lens Color | Color Temperature | Vf (v) Typ. | IV (If=20mA) mcd | | View Angle 2 θ 1/2 |
|----------------------|---------------|-------------|----------------|-------------------|-------------|------------------|-------|--------------------|
| | | | | | | Min. | Typ. | |
| MCD-5013WC | InGaN | Super White | Water Clear | 5500K-7500K | 3.5 | 7000 | 8000 | 18° |
| MCD-5013UWC-TL | InGaN | Super White | Water Clear | 5500K-7500K | 3.5 | 7000 | 9000 | 18° |
| MCD-5013UWC/20-10C | InGaN | Super White | Water Clear | 5500K-7500K | 3.5 | 12000 | 14000 | 18° |
| MCD-5013UWC/20-15C | InGaN | Super White | Water Clear | 5500K-7500K | 3.5 | 15000 | 17000 | 18° |
| MCD-5013UWC/50 | InGaN | Super White | Water Clear | 5500K-7500K | 3.5 | 5000 | 6000 | 30° |
| MCD-5013UWC/60 | InGaN | Super White | Water Clear | 5500K-7500K | 3.5 | 4500 | 5500 | 40° |
| MCD-5013UWC/20-15c-Y | InGaN | Super White | Water Clear | 2700K-3500K | 3.5 | 12000 | 15000 | 18° |
| MCD-5013UWC/60-15c | InGaN | Super White | Water Clear | 5500K-7500K | 3.5 | 8000 | 10000 | 35° |
| MCD-5013UWC/60-15c-Y | InGaN | Super White | Water Clear | 2700K-3500K | 3.5 | 6000 | 7000 | 35° |
| MCD-5013WW | InGaN | White | Water Diffused | 5500K-7500K | 3.5 | 2000 | 3000 | 35° |