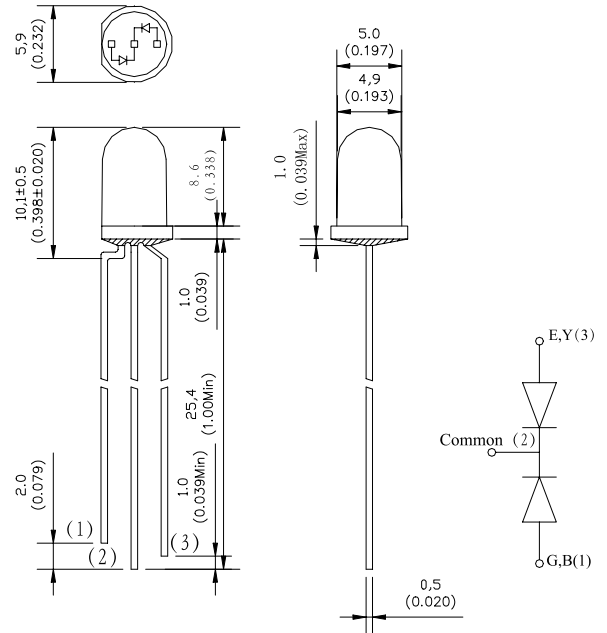




mcd-5019xx (Φ 5mm ROUND TYPE) Bi-color series

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



Part Number	EMITTED COLOR		Mix Emitted Color	Lens Color	Peak Wave length (nm)	Vf (v) Typ.	IV (If=20mA) mcd		View Angle 2 θ 1/2
							Min.	Typ.	
MCD 5019EGW	GaAsp/Gap	Hi-Eff Red	Orange	White Diffused	635 565	2.0 2.1	8.0 5.0	20 15	60°
	Gap	Green							
MCD 5019YGW	Gap	Green	Yellow-Green	White Diffused	565 585	2.1 2.1	5.0 5.0	15 15	60°
	GaAsp	Yellow							
MCD 5019UEUBW	AlGaInP	Super Red	Purple	White Diffused	625 470	2.0 3.5	120 110	250 230	60°
	InGaN	Super Blue							
MCD 5019UEUGW	AlGaInP	Super Red	Orange	White Diffused	625 572	2.0 2.0	120 100	250 200	60°
	AlGaInP	Super Green							
MCD 5019EGC	GaAsp/Gap	Hi-Eff Red	Orange	Water Clear	635 565	2.0 2.1	20 15	50 30	30°
	Gap	Green							
MCD 5019YGC	Gap	Green	Yellow-Green	Water Clear	565 585	2.1 2.1	15 15	30 30	30°
	GaAsp	Yellow							
MCD 5019UEUGC	AlGaInP	Super Red	Orange	Water Clear	625 572	2.0 2.0	280 260	600 400	30°
	AlGaInP	Super Green							
MCD 5019UEUBC	AlGaInP	Super Red	Purple	Water Clear	625 470	2.0 3.5	280 350	600 550	30°
	InGaN	Super Blue							