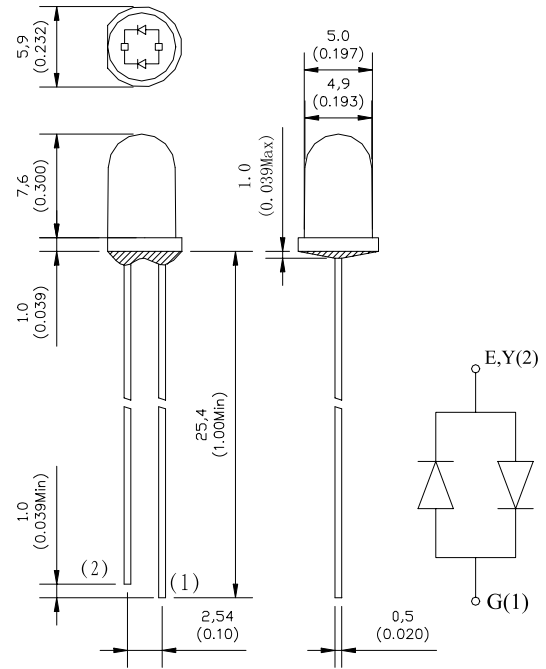




## MCD-5017xx (Φ5mm ROUND TYPE) Bi-color series

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		Lens Color	Peak Wave length (nm)	Vf (v) Typ.	IV (If=20mA) mcd		View Angle 2 θ 1/2
						Min.	Typ.	
MCD -5017EGW	GaAsP/GaP	Hi-Eff Red	White Diffused	635	2.0	8.0	20	60°
	Gap	Green		565	2.1	5.0	15	
MCD -5017YGW	Gap	Green	White Diffused	565	2.1	5.0	15	60°
	GaAsP	Yellow		585	2.1	5.0	15	
MCD -5017UEUGW	AlGaInP	Ultra Red	White Diffused	625	2.0	120	250	60°
	AlGaInP	Super Green		572	2.0	100	200	
MCD -5017GGD	Gap	Green	Green Diffused	565	2.1	5.0	15	60°
	GaP	Green		565	2.1	5.0	15	
MCD -5017SSD	GaAlAs	Super Red	Red Diffused	660	1.8	10	25	60°
	GaAlAs	Super Red		660	1.8	10	25	
MCD -5017EGC	GaAsP/GaP	Hi-Eff Red	Water Clear	635	2.0	20	50	30°
	Gap	Green		565	2.1	15	30	
MCD -5017YGC	Gap	Green	Water Clear	565	2.1	15	30	30°
	GaAsP	Yellow		585	2.1	15	30	
MCD -5017UEUGC	AlGaInP	Super Red	Water Clear	625	2.0	280	600	30°
	AlGaInP	Super Green		572	2.0	260	550	