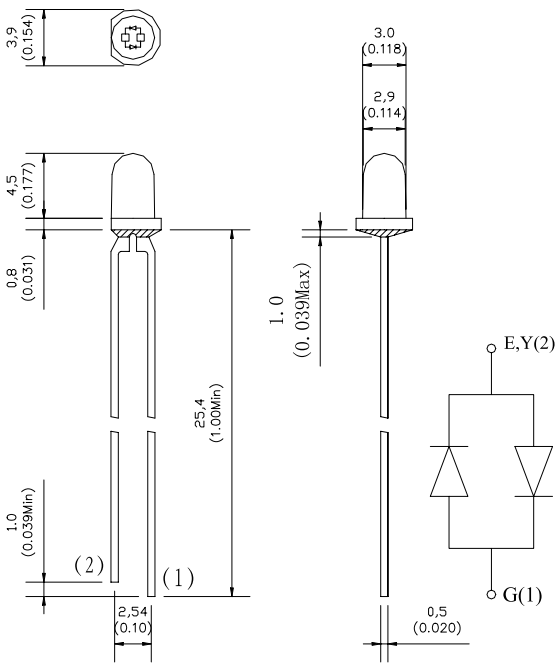
mcd-3017xx

(Φ3mm ROUND TYPE)

Bi-color series



ABSOLUTE MAXIMUM RATING:(Ta=25℃)

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	℃
Storage Temperature	-40	+100	℃
Solder Dip Temperature (5 seconds,1.6mm from body)	300	±5	℃

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	Peak Wave length (nm)	Vf (v) Typ.	IV (If=20mA) mcd		View Angle 2 θ 1/2
						Min.	Typ.	
MCD-3017EGW	GaAsp/Gap	Hi-Eff Red	White Diffused	635	2.0	5.0	12	60°
	Gap	Green		565	2.1	3.0	8.0	
MCD-3017YGW	Gap	Green	White Diffused	565	2.1	3.0	8.0	60°
	GaAsp	Yellow		585	2.1	3.0	8.0	
MCD-3017UEUGW	AlGaInP	Super Red	White Diffused	625	2.0	100	200	60°
	AlGaInP	Super Green		572	2.0	80	180	
MCD-3017EGC	GaAsp/Gap	Hi-Eff Red	Water Clear	635	2.0	15	30	30°
	Gap	Green		565	2.1	12	20	
MCD-3017YGC	Gap	Green	Water Clear	565	2.1	12	20	30°
	GaAsp	Yellow		585	2.1	12	20	
MCD-3017UEUGC	AlGaInP	Super Red	Water Clear	625	2.0	250	550	30°
	AlGaInP	Super Green		572	2.0	220	480	