

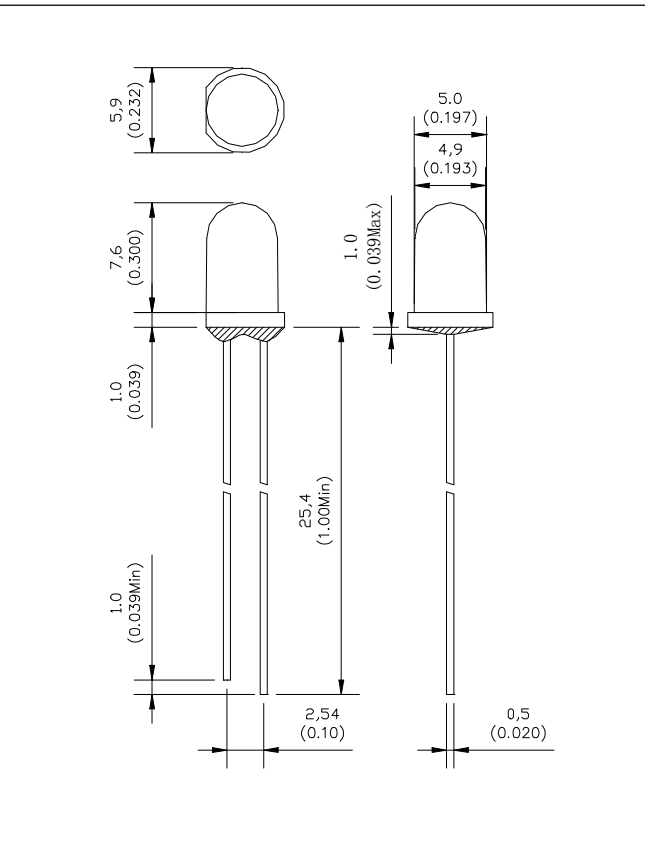
## MCDL-5017xx-B

### (Φ 5mm ROUND TYPE)

## Blinking LED 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 (5 seconds, 1.6mm from body ) Temperature	300	±5		°C



Part Number	EMITTED COLOR		Lens Color	Peak Wavelength (nm)	Blinking Frequency		Vf (v) Typ.	IV (If=20mA) mcd		View Angle 2 θ 1/2
	Min.	Typ.			Min.	Typ.		Min.	Typ.	
MCDL-5017LRD-B	GaAlAs	Red	Red Diffused	660	1.5Hz	2.5Hz	3.0	20	30	60°
MCDL-5017GD-B	GaP	Green	Green Diffused	565	1.5Hz	2.5Hz	3.0	2	8	60°
MCDL-5017YD-B	GaAsp	Yellow	Yellow Diffused	590	1.5Hz	2.5Hz	3.0	2	8	60°
MCDL-5017ED-B	GaAsp/Gap	Orange	Red Diffused	625	1.5Hz	2.5Hz	3.0	3	10	60°
MCDL-5017BC-B	InGaN	Blue	Water Clear	470	1.5Hz	2.5Hz	4.5	200	250	20°
MCDL-5017PGC-B	InGaN	Pure Green	Water Clear	525	1.5Hz	2.5Hz	4.5	300	400	20°
MCDL-5017SGW-B Bi-color	GaAlAs	Red	White Diffused	660	3Hz	5Hz	3.0	5	15	60°
	GaP	Green		3				8		
MCDL-5017SGC-B Bi-color	GaAlAs	Red	Water Clear	660	3Hz	5Hz	3.0	20	30	20°
	GaP	Green		10				15		
MCDL-5017SBC-B Bi-color	AlGaInP	Red	Water Clear	625	3Hz	5Hz	4.5	400	450	20°
	InGaN	Blue		200				250		
MCDL-5017SBW-B Bi-color	AlGaInP	Red	White Diffused	625	3Hz	5Hz	4.5	50	60	60°
	InGaN	Blue		40				45		
MCDL-5017RGBC-B Multi-Color	AlGaInP	Red	Water Clear	625	3Hz	5Hz	5.0	400	450	20°
	InGaN	Blue		470				200	300	
	InGaN	P-Green		525				400	450	