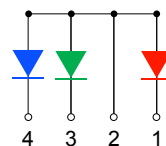
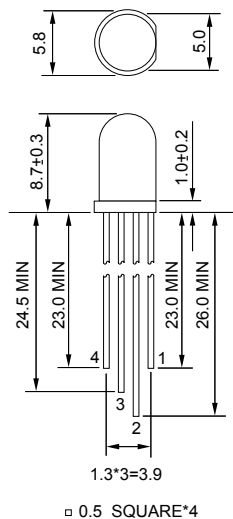


LBL050RGBCI

Note:

1. Red
2. Common
3. Green
4. Blue



EMTTING COLOR		U-B Blue /U-B Green/U-B RED				
MATERIAL		InGaN/InGaN/GaAlAs				
Electro-Optical Characteristic (Ta=+25℃)						
PARAMETER	SYMBEL	CONDITIONS	MIN.	TYP.	MAX.	UNIT
FORWAED VOLTAGE	VF (B/G/R)	IF=20mA	3.0 / 3.0 / 1.8	3.3 / 3.3 / 1.95	3.8 / 3.8 / 2.45	
REVERSE CURRENT	IR	VR=5V				uA
LUMINOUS INTENSITY	IV (B/G/R)	IF=20mA	1000 / 1500 / 300	1300 / 2000 / 500	1600 / 2500 / 700	mcd
DOMINANT WAVELENGTH	λD (B/G/R)	IF=20mA	465 / 510 / 640	468 / 515 / 643	470 / 520 / 645	nm
SPECTRUM WHIN OF HALF VALUE	Δλ (B/G/R)	IF=20mA		30 / 30 / 25		nm
VIEWING ANGEL	Δ Θ	IF=20mA		± 10		deg
ABSOLUTE MAXIMUM RATINGS (Ta=+25℃)						
Reverse Voltage (V)	Continuous forward current(mA)	Peak forward current(mA)	Power Dissipation (mW)	Operation Temperature Range(℃)	Storage Temperature Range(℃)	
8	100	120	100	- 40 ~ 85	- 40 ~ 100	