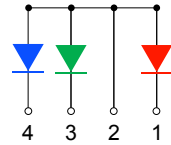
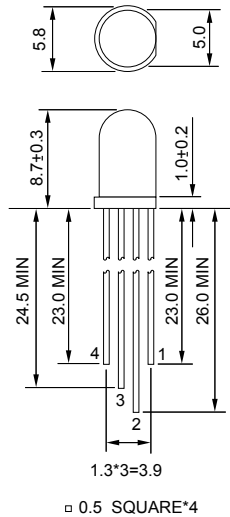


KTL 050RGB CI-U

Note:

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



EMITTING COLOR	U-B Blue /U-B Green/U-B RED
MATERIAL	InGaN/InGaN/GaAlAs

Electro-Optical Characteristic (Ta=+25°C)

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	1200 / 1700 / 400	1500 / 2200 / 600	1800 / 2700 / 800	mcd
DOMINANT WAVELENGTH	λ_D (B/G/R)	IF=20mA	465 / 510 / 640	468 / 515 / 643	470 / 520 / 645	nm
SPECTRUM WHIN OF HALF VALUE	$\Delta\lambda$ (B/G/R)	IF=20mA		30 / 30 / 25		nm
VIEWING ANGEL	$\Delta\theta$	IF=20mA		30		deg

ABSOLUTE MAXIMIMUM RATINGS (Ta=+25°C)

Reverse Voltage (V)	Continuous forward current(mA)	Peak forward current(mA)	Power Dissipation (mW)	Operation Temperature Range(°C)	Storage Temperature Range(°C)
8	100	120	100	- 40 ~ 85	- 40 ~ 100