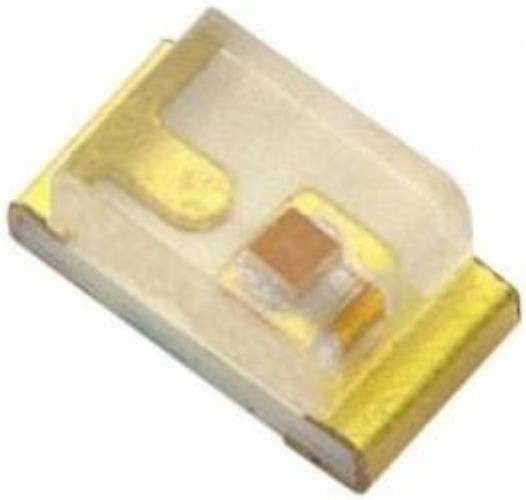
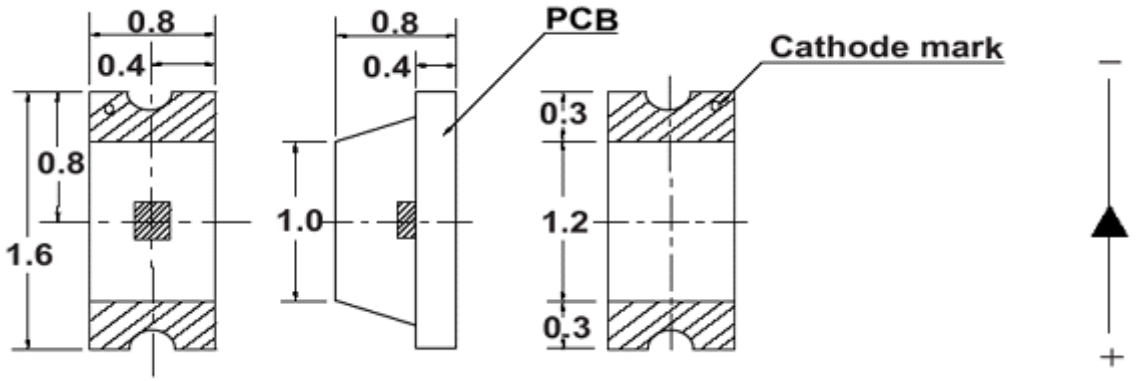
Dioda LED SMD 0603 zielona KT0603JC



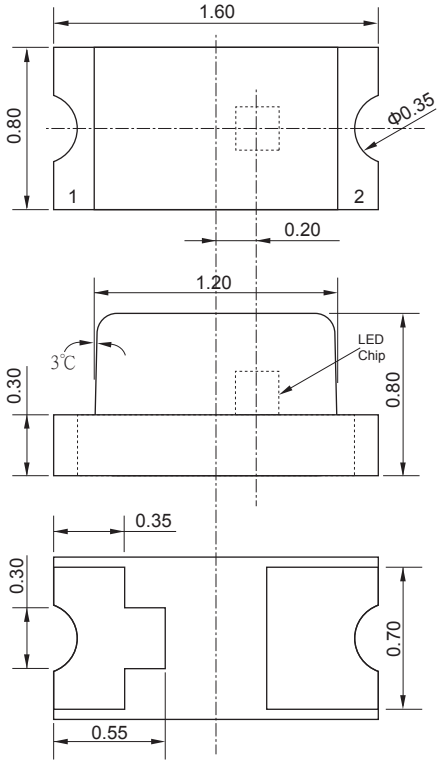
Dane techniczne:
Nazwa: KT0603JC
Prąd diody LED: 20mA
Napięcie diody LED: 2.4V
Jasność: 12mcd
Kolor diody LED: zielony
Kąt świecenia: 120°
Długość fali: 572nm

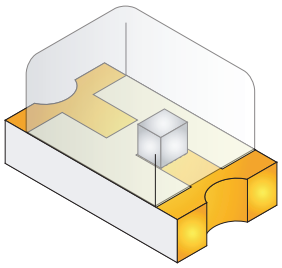


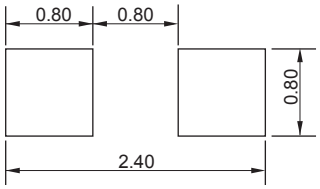
KOUHI

SMD LAMPS

KT0603JC







RECOMMEND PAD LAYOUT

NOTES:
1.All dimensions are in millimeters(inches);
2.Tolerances are +/- 0.1mm(0.004inch)unless otherwise noted.

Absolute maximum ratings(Ta=25℃)

Parameter	Symbol	Value	Unit
Forward current	If	30	mA
Reverse voltage	Vr	5	V
Power dissipation	Pd	80	mW
Operating temperature range	Topr	- 25 ~ + 80	℃
Storage temperature range	Tstg	- 30 ~ + 85	℃
Peak pulsing current *1	Ifp	100	mA

Item	Materials
Resin (mold)	Epoxy
Bonding wire	Ø25 um Au
Lens color	Water Clear
Printed circuit board	-
Dice	AlGaInP
Emitted color	Yellow Green

Electro -Optical characteristics(Ta=25℃)

Parameter	Test Condition	Symbol	Value			Unit
			Min	Typ	Max	
Wavelength at peak emission	If=20mA	λp	-	565	-	nm
Spectral half bandwidth	If=20mA	Δλ	-	30	-	nm
Dominant wavelength	If=20mA	λd	567	572	577	nm
Forward voltage	If=20mA	Vf	-	2.4	2.6	V
Luminous intensity	If=20mA	Iv	3.7	12.0	-	mcd
Viewing angle	If=20mA	2Θ1/2	-	120	-	Deg
Reverse current	Vr=5V	Ir	-	-	100	uA

*1 Condition for IFP .Is pulse of 1 /10 duty and 0.1 msec width.