



YETDA INDUSTRY LTD.

2.8mm Super Bright RED Led Lamps 302ITH4G

Super Bright RED Dice,
Encapsulated Water Clear Package,
2.8mm round Led,
Long Leads.

Absolute Maximum Ratings :

Parameter	Maximum Rating	Unit
Peak Forward Current	120	mA
Continuous Forward Current	30	mA
Operating Temperature Range	- 40 to + 85	
Storage Temperature Range	- 50 to + 100	
Lead Soldering Temperature	260 for 3 seconds 1.6mm(0.063 inch) from body	

Electro-Optical Characteristics (Ta = 25)

Parameter Radiant	Test Condition	Symbol	Min.	Typ.	Max.	Unit
Forward Voltage	If = 20mA	Vf	1.80	1.95	2.20	V
Reverse Current	Vr = 5V	Ir			10	uA
Luminous Intensity	If = 20mA	Iv	150	250	300	mcd
Spectral Bandwidth	If = 20mA	$\Delta\lambda$		20		nm
Wavelength	If = 20mA	λ_p		635		nm
		λ_d		640		nm
Half View Angle	If = 20mA	2 $\theta_{1/2}$		15		deg

Package

Item: 302

