Round LED Super Orange Red, 4.8mm x 4.4mm **Multicomp** PRO

RoHS Compliant

Specifications

: AllnGaP
: Super Orange Red
: Red Diffused
: 635nm
: 130°
: 180mcd

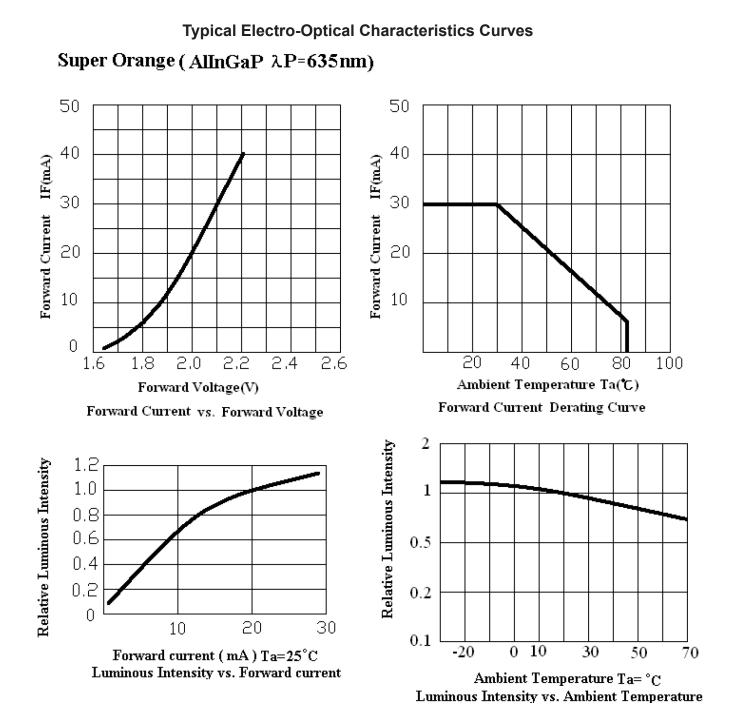
Electrical / Optical Characterisitics at Ta = 25°C								
Parameter	Symbol	Min.	Тур.	Max.	Unit	Condition		
Luminous Intensity	IV	140	180	280	mcd			
Viewing Angle	201/2		130		deg]		
Peak Emission Wavelength	λр		635		nm	IF = 20mA		
Dominant Wavelength	λD	620	625	630	nm			
Spectral Line Half-Width	Δλ		20		nm			
Forward Voltage	VF	1.8	2	2.6	V			
Reverse Current	lr	-	-	10	uA	VR=5V		
▲ Luminous intensity (IV) ±10%, Forward Voltage (VF) ±0.1V, Wavelength (λd) ±0.5nm								

Absolute Maximum Ratings: (Ta = 25°C)							
Parameter	Symbol	Rating	Unit				
Power Dissipation	Pd	85	mW				
Peak Forward Current (Duty 1/10 @ 1KHZ)	IF (Peak)	100	mA				
Recommended Operating Current	IF (Rec)	30	mA				
Electrostatic Discharge	ESDнвм	2000	V				
Operating Temperature Range	Topr	-40 to +85	°C				
Storage Temperature Range	Тѕтс	-40 to +100	°C				
Lead Soldering Temperature Range (1.6 mm (1/16 inch) from body)	Reflow Soldering: 260°C for 5 sec. Hand Soldering: 350°C for 3 sec.						

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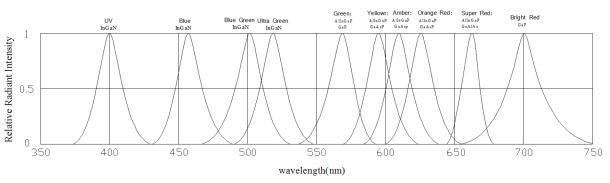
Round LED Super Orange Red, 4.8mm x 4.4mm multicomp PRO



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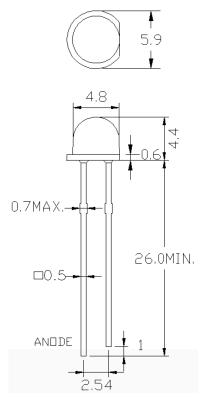


Round LED Super Orange Red, 4.8mm x 4.4mm multicomp PRO



Relative Intensity VS. wavelength

Dimensions



Dimensions : Millimetres

Part Number Table

Description	Part Number
Round LED, Super Orange Red, 635nm, 130°, 180mcd, Through hole	MP007975

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