LED Light Bar Super Red, 7mm x 10mm

multicomp **PRO**

RoHS Compliant

Specifications

: AllnGaP
: Super Red
: Red Diffused
: No Ink
: 650nm
: 15mcd

Electrical / Optical Characterisitics at Ta = 25°C								
Parameter	Symbol	Min.	Тур.	Max.	Unit	Condition		
Luminous Intensity	IV	10	15	20	mcd			
Viewing Angle	201/2				deg]		
Peak Emission Wavelength	λр		650		nm	IF = 20mA		
Dominant Wavelength	λD	635	640	645	nm			
Spectral Line Half-Width	Δλ		20		nm]		
Forward Voltage	VF	1.8	1.9	2.2	V			
Reverse Current	lr	-	-	10	uA	VR=5V		
▲ Luminous intensity (IV) ±10%, Forward Voltage (VF) ±0.1V, Wavelength (λd) ±0.5nm								

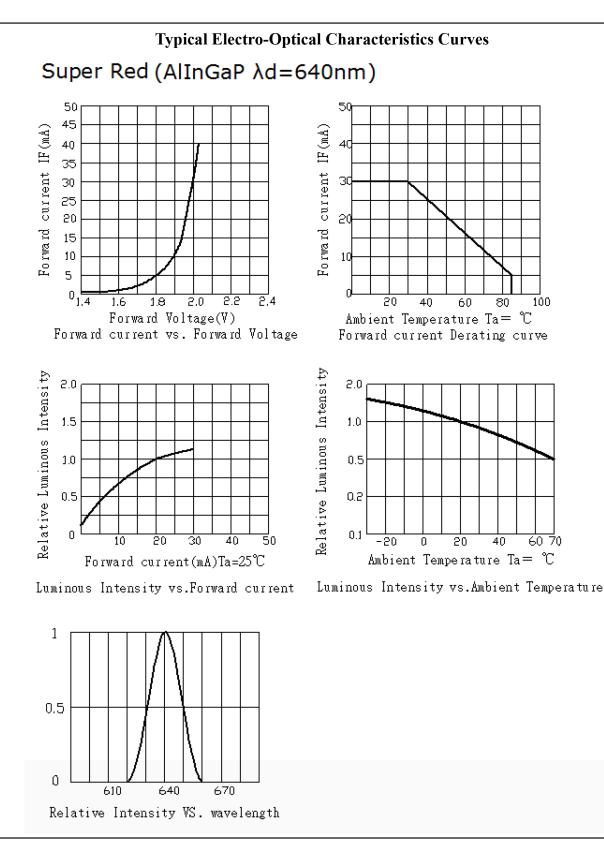
Absolute Maximum Ratings: (Ta = 25°C)							
Parameter	Symbol	Rating	Unit				
Power Dissipation	Pd	85	mW				
Peak Forward Current (Duty 1/10 @ 1KHZ)	IF (Peak)	100	mA				
Recommended Operating Current	IF (Rec)	30	mA				
Electrostatic Discharge	ESDнвм	2000	V				
Operating Temperature Range	Topr	-40 to +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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LED Light Bar Super Red, 7mm x 10mm

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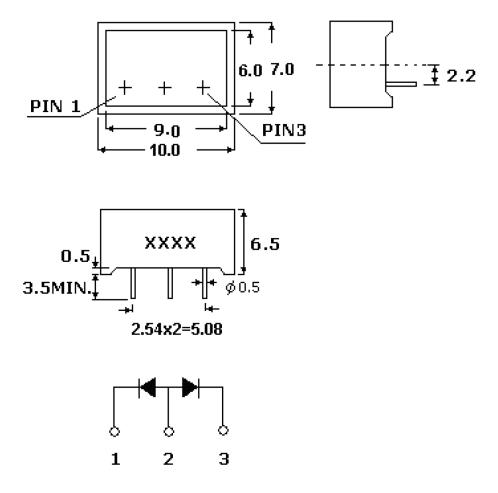


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LED Light Bar Super Red, 7mm x 10mm

Dimensions



Dimensions : Millimetres

Part Number Table

Description	Part Number
LED Light Bar, Super Red, 650nm, 15mcd, 7mm x 10mm	MP007994

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