

Round InfraRed LED Lamp 3mm

multicomp PRO



Features:

- Standard 3mm Package
- High Radiant Intensity
- Low Forward Voltage

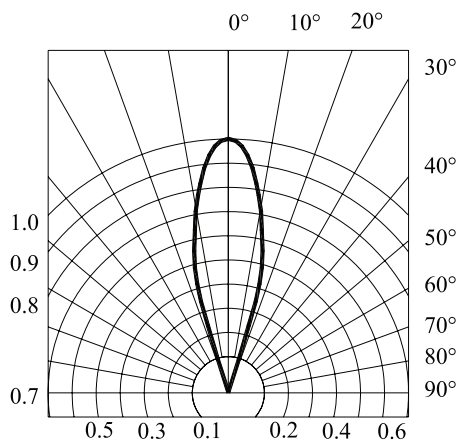
Maximum Ratings at Ta=25°C

Reverse Voltage (<100 A)	: 5V
D.C. Forward Current	: 50mA
Pulse Current (Pulse Width of 0.1ms, 1/10 Duty Cycle)	: 200mA
Operating Temperature Range	: -25°C to +85°C
Storage Temperature Range	: -40°C to +100°C
Soldering Temperature Dip Soldering	: 260°C for 5 secs
Soldering Temperature Hand Soldering	: 350°C for 3 secs

Electrical & Optical Characteristics at Ta=25°C

Chip			Lens Colour	Dominant Wavelength (nm) at 20mA	Radiant Intensity (mW) at 20mA		Forward Voltage (V) at 20mA		Viewing Angle 2 θ ^{1/2} (deg)
Material	Emitted Colour	Brightness			Min.	Typ.	Typ.	Max.	
A1GaAs/GaAs	InfraRed	-	Water Clear	940	7	14	1.25	1.5	30

Typical Electrical / Optical Characteristics Curves:



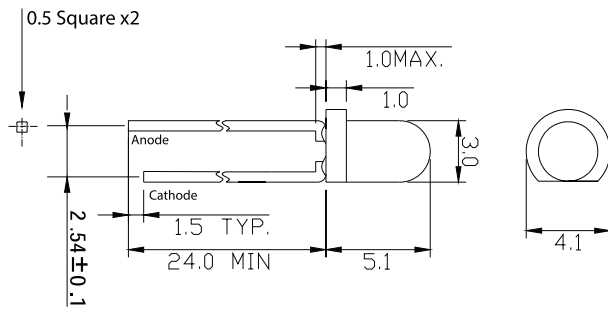
Newark.com/multicomp-pro
Farnell.com/multicomp-pro
Element14.com/multicomp-pro

multicomp PRO

Round InfraRed LED Lamp 3mm



Dimension



Dimensions : Millimetres

Part Number Table

Description	Part Number
3mm Round InfraRed Lamp	OFL-3102

Important Notice : This data sheet and its contents (the "Information") belong to the members of the AVNET group of companies (the "Group") or are licensed to it. No licence is granted for the use of it other than for information purposes in connection with the products to which it relates. No licence of any intellectual property rights is granted. The Information is subject to change without notice and replaces all data sheets previously supplied. The Information supplied is believed to be accurate but the Group assumes no responsibility for its accuracy or completeness, any error in or omission from it or for any use made of it. Users of this data sheet should check for themselves the Information and the suitability of the products for their purpose and not make any assumptions based on information included or omitted. Liability for loss or damage resulting from any reliance on the Information or use of it (including liability resulting from negligence or where the Group was aware of the possibility of such loss or damage arising) is excluded. This will not operate to limit or restrict the Group's liability for death or personal injury resulting from its negligence. Multicomp Pro is the registered trademark of Premier Farnell Limited 2019.

Newark.com/multicomp-pro
Farnell.com/multicomp-pro
Element14.com/multicomp-pro

