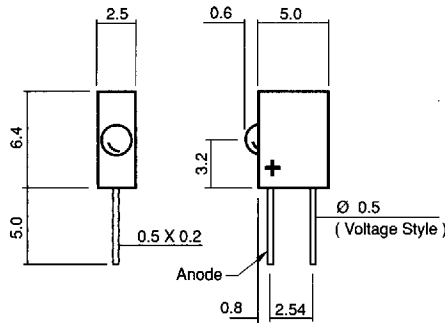


101 Series: | Ø 2 mm LED 90° PCB Mounting

- Ideal bar graph displays
- Omni directional viewing
- Side stackable on 2.54 mm centres
- MLQ 50
- MTBF 100,000 hrs, low current 250,000 hrs



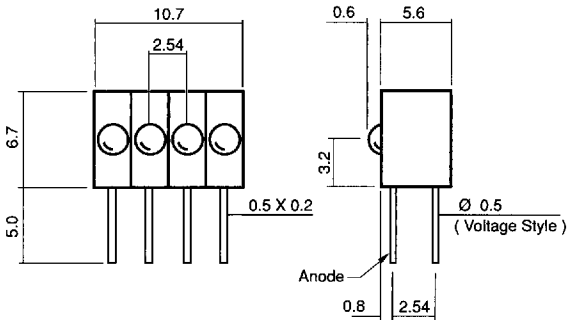
Scale 2 : 1
Dimensions in mm (Typical)

Ordering information and technical characteristics (Ta = 25°C)

Order code	Colour	Typ Fwd Voltage Vf @ Iopr	Forward Current Iopr	Luminous Intensity Iv @ Iopr	Wave Length λp	Viewing Angle 2θ1/2	Operating Temp Topr	Storage Temp Tstg
101 - 203 - 01	Red	1.8	2	1.3	650			
101 - 209 - 01	Yellow	1.9	2	1.3	585			
101 - 212 - 01	Green	1.9	2	1.3	563			
101 - 203 - 02	Red	2.0	10	6.3	650		- 40	- 50
101 - 209 - 02	Yellow	2.1	10	6.3	585	44	to	to
101 - 212 - 02	Green	2.1	10	6.3	563		+ 85	+ 100
101 - 203 - 20	Red	5/6	7/10	4.4/6.3	650			
101 - 209 - 20	Yellow	5/6	7/10	4.4/6.3	585			
101 - 212 - 20	Green	5/6	7/10	4.4/6.3	563			
	Diffused	V	mA	mcd	nm	deg	°C	°C

102 Series: | Ø 2 mm LED 90° PCB Mounting 4 Array

- TTL compatible
- Multi-colour permutations
- Low current range
- MLQ 20
- MTBF 100,000 hrs, low current models 250,000 hrs



Scale 2 : 1
Dimensions in mm (Typical)

Ordering information and technical characteristics (Ta = 25°C)

Order code	Colour	Typ Fwd Voltage Vf @ Iopr	Forward Current Iopr	Luminous Intensity Iv @ Iopr	Wave Length λp	Viewing Angle 2θ1/2	Operating Temp Topr	Storage Temp Tstg
102 - 203 - 01	Red	1.8	2	1.3	650			
102 - 209 - 01	Yellow	1.9	2	1.3	585			
102 - 212 - 01	Green	1.9	2	1.3	563			
102 - 203 - 02	Red	2.0	10	6.3	650		- 40	- 50
102 - 209 - 02	Yellow	2.1	10	6.3	585	44	to	to
102 - 212 - 02	Green	2.1	10	6.3	563		+ 85	+ 100
102 - 203 - 20	Red	5/6	7/10	4.4/6.3	650			
102 - 209 - 20	Yellow	5/6	7/10	4.4/6.3	585			
102 - 212 - 20	Green	5/6	7/10	4.4/6.3	563			
	Diffused	V	mA	mcd	nm	deg	°C	°C