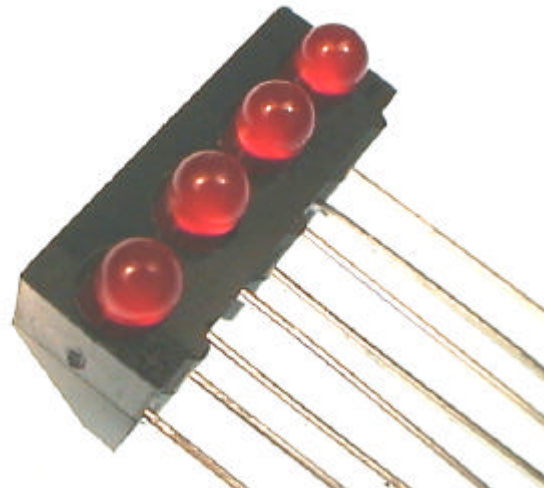


BOT107Series

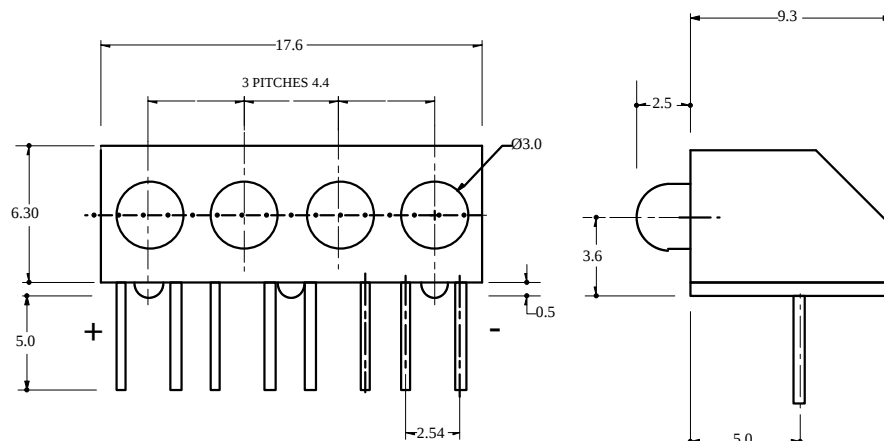
4 Way 3mm LED Array 90 deg Mount

The BOT107 series is a family of devices using Black NYLON 6 VO rated housing to mount four 3mm LEDs at right angles to the PCB forming an 4 Way LED Array. LEDs are on a 4.4mm pitch.

- +/- 20 Deg Viewing Angle
- Good matching
- Direct equivalent to Marl 107 series.
- End stackable.



MECHANICAL DATA



BEDFORD OPTO TECHNOLOGY LTD
LINDSAYLANDS, BIGGAR, LANARKSHIRE ML12 6NR
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BOT107 Series

ABSOLUTE MAXIMUM RATINGS (T_A = 25°C)

REVERSE VOLTAGE	5 Volts
CONTINUOUS FORWARD CURRENT	30 mA
POWER DISSIPATION	80 mW
OPERATING TEMP	-40 TO+80°C
STORAGE TEMP	-40to +100°C
LEAD SOLDERING TEMP(1.55mm FROM BODY 5secs)	260°C

OPTO ELECTRONIC DATA (T_a = 25°C)

COLOUR		Luminous Intensity If = 20mA mcd	Peak Wavelength nm	Forward Voltage If = 20mA volts	VIEWING ANGLE deg
RED	min	30.0	635	-	45
	typ			2.0	
YELLOW	min	20.0	585	-	45
	typ			2.1	
GREEN	min	30.0	568	-	45
	typ			2.2	
	max	-	-	2.6	

OPTO ELECTRONIC SOLUTIONS

BOT specialise only in the design, development and manufacture in the visible and infra-red Opto Electronic products. Standard visible products include, LED Bargraph, Arrays, Stand-off, Circuit Board Indicators and Panel Mount Assemblies. Standard I.R. products include 10KV BASEEFA certified Opto Couplers, Transmissive & Reflective Switches. Custom designs of Visible and I.R. products on request.

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