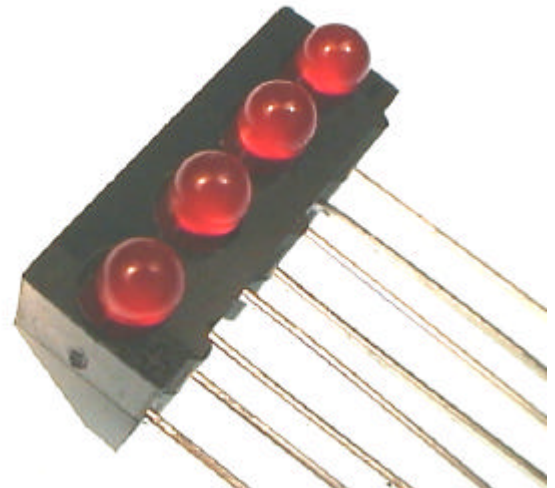


BOT107Series

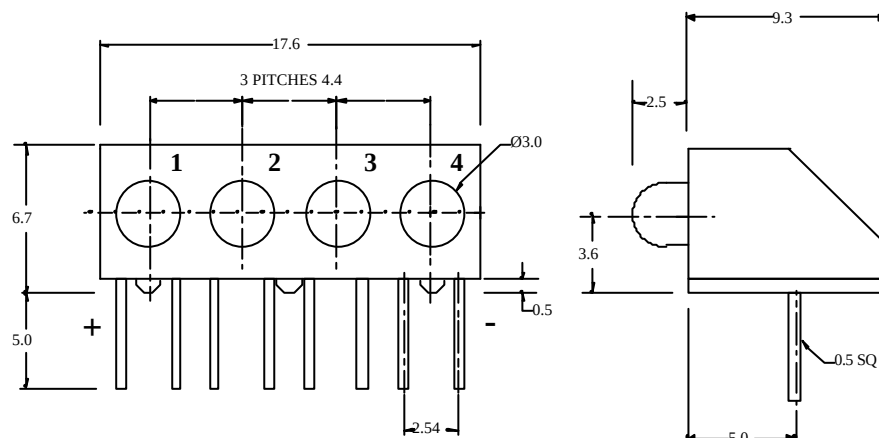
4 Way 3mm LED Array 90 deg Mount

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.

- +/- 25 Deg Viewing Angle
- Good matching
- Direct equivalent to Marl 107 series.
- End stackable.



MECHANICAL DATA



BEDFORD OPTO TECHNOLOGY LTD
LINDSAYLANDS, BIGGAR, LANARKSHIRE ML12 6NR
Tel: +44 (0) 1899 221221 Fax: +44 (0) 1899 221009
Website: bot.co.uk E-mail: bill@bot.co.uk

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	50.0	635	-	50
	typ max			2.0 2.6	
YELLOW	min	20.0	585	-	50
	typ			2.1	
GREEN	min	70.0	568	-	50
	typ max			2.2 2.6	

ORDERING INFORMATION

POSITION	1	2	3	4
BOT107	X	X	X	X

X=R=RED,G=GREEN,Y=YELLOW

OPTO ELECTRONIC SOLU-

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

BEDFORD OPTO TECHNOLOGY LTD
LINDSAYLANDS, BIGGAR, LANARKSHIRE ML12 6NR
Tel: +44 (0) 1899 221221 Fax: +44 (0) 1899 221009
Website: bot.co.uk E-mail: bill@bot.co.uk