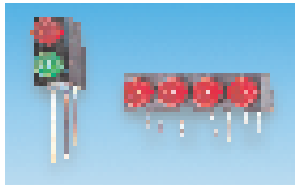


5mm/T1 $\frac{3}{4}$ Bi-Level and Quad



Bi-level H = 12.4, W = 6.2, D (body) = 8.8
Lead pitch = 2.54 2.54
Leads = 12 0.5sq

Quad H = 6.2, W = 25, D (body) = 8.8
Lead pitch = 2.54, LED pitch = 6.4
Leads = 5.0 0.5sq

Anode is left hand pin, viewed from front, pins downward.

A range of 5mm LEDs housed in black plastic end-stackable mouldings to give right angle mounting on PCBs. Lenses are tinted diffused. Ideal for status and fault indication.

Colour	View Angle	Typ. Lum. Intensity (mcd) @ I _f max	Mftrs. List No.	Order Code
Bi-level				
Red over Green	30°	33/68 @ 20mA	110-000-04-50	264-490
Quad				
Red 4	30°	33 @ 20mA	108-505-04	264-507
Green 4	30°	68 @ 20mA	108-514-04	264-519

I_f (max) = 25mA (all types). PIV = 3.0V (max) (all types).

OPT231

Colours	Order Code	1+	50+	100+	500+
Red over Green	264-490				
Red 4	264-507				
Green 4	264-519				

5mm/T1 $\frac{3}{4}$ Low Current



H = 6.2, W = 6.2, D = 9.0 (body)
Lead Pitch = 2.54, Leads = 4.1 0.45 sq.

Flat on body denotes cathode

Colour	View Angle	Typ. Lum. Intensity (mcd)	I _f (mA) (max)	PIV (max)	Mftrs. List No.	Order Code
Tinted Diffused Lens						
Red	50°	2.0 @ 2mA	7	5	HLMP4700-C00B2	655-090
Yellow	50°	1.8 @ 2mA	7	5	HLMP4719-A00B2	655-107
Green	50°	1.8 @ 2mA	7	5	HLMP4740-A00B2	655-119

OPT388

Colour	Order Code	5+	100+	250+	500+	1K+
Red	655-090					
Yellow	655-107					
Green	655-119					

5mm/T1 $\frac{3}{4}$ -Low Current



H = 6.2, W = 6.2, D (body) = 8.8
Lead pitch = 2.54 Leads = 21 0.5sq.

Colour	View Angle	Typ. Lum. Intensity (mcd)	I _f (mA) max.	Mftrs. List No.	Order Code
Red	30°	1.5	1.8	106-505-01	637-725
Yellow	30°	2.0	1.9	106-511-01	637-737
Green	30°	2.0	1.9	106-514-01	637-749

OPT308

Colour	Order Code	1+	25+	100+	250+	500+
Red	.637-725					
Yellow	.637-737					
Green	.637-749					

5mm/T1 $\frac{3}{4}$ -5 Volt



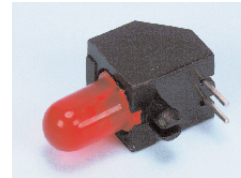
H = 6.2, W = 6.2, D (body) = 8.8
Lead pitch = 2.54 Leads = 21 0.5sq.

Colour	View Angle	Typ. Lum. Intensity (mcd)	I _f (mA) max.	Mftrs. List No.	Order Code
Red	50°	8.0	10	106-581-20	637-889
Yellow	50°	8.0	10	106-582-20	637-890
Green	50°	8.0	10	106-583-20	637-907

OPT310

Colour	Order Code	1+	25+	100+	250+	500+
Red	.637-889					
Yellow	.637-890					
Green	.637-907					

5mm/T1 $\frac{3}{4}$ with Spigot Mounting Standard and Low Current



5mm - H = 8.0 (body), W = 8.0, D = 9.0 (body)
Lead pitch = 2.54, Leads = 3.0 0.5sq.
Spigot mounting hole = 2.8 dia.
Row spacing from Spigot to lead centres = 5.2

Viewed from front, pins downward, anode is left pin.

Colour	View Angle	Lum. Intensity (mcd) @ I _f = 20mA (typ.)	I _f (typ)	V _f (max)	PIV (max)	Mftrs. List No.	Order Code
Red	30°	33	30	2.2	5	125-505-01	994-923
Yellow	30°	33	30	2.2	5	125-511-01	994-157
Green	30°	68	25	2.2	5	125-514-01	994-169
Low Current							
Red	30°	3.3	-	1.9	5	125-505-04	994-893
Yellow	30°	3.3	-	1.9	5	125-511-04	994-900
Green	30°	6.8	-	1.9	5	125-514-04	994-911

The spigot mounting allows the LEDs to be placed firmly on the PCB.

OPT570

Colour	Order Code	5+	25+	100+	250+	500+
Red	994-923					
Yellow	994-157					
Green	994-169					
Low Current						
Red	994-893					
Yellow	994-900					
Green	994-911					

Bargraph Arrays - 4 Way Rectangular LED Modules



These are a modular system of rectangular section quad LED bargraph arrays. The LEDs are 2.5mm x 5mm Quad modules, side stackable, available in either vertical or horizontal formats. Designed so that light blends from one section to another. The LEDs are colour and intensity matched.

Colour	View Angle	mcd	V _f @ 20mA	I _{max}
Red	55	5	2	25

Vertical H = 16.3 W = 5.3 L = 10.16
Right Angle H = 5.38 W = 10.16 L = 8.13
Pitch 2.54mm

Rear Lead is Anode

OPT696

Colour	Mftrs. List No.	Order Code	1+	25+	100+	250+	500+
Vertical							
Red	2413.2433	324-5093					
Right Angle							
Red	2413.2434	324-5100					

continued