

8mm & 10mm Light Emitting Diodes (LEDs)

10mm, Standard and Ultrabright



L=13.5, Dia=10.0
Lead pitch=2.54, Leads=25.5 x 0.5sq
Black plastic mounting clip:
Bezel dia=16
Back of panel dia=14, Depth=15
Cathode identified by shorter lead.

Colour	Peak Wavelength	View Angle	Typ. Lum. Intensity (mcd)	I _F (mA) (max)	PIV (max)	Order Code
Tinted Diffused Lens						
HE Red	625nm	60°	150 @ 20mA	30	5	116-8543
Green	565nm	60°	70 @ 20mA	30	5	114-2462
Yellow	590nm	60°	70 @ 20mA	30	5	114-2474
Ultra Bright - Tinted Diffused Lens						
Red	660nm	60°	200 @ 20mA	30	5	114-2464
Red	660nm	60°	350 @ 20mA	30	5	114-2465
Red	660nm	60°	550 @ 20mA	30	5	114-2467
Ultra Bright - Untinted Clear Lens						
Red	660nm	40°	1000 @ 20mA	30	5	114-2466
Red	660nm	40°	3000 @ 20mA	30	5	114-2469

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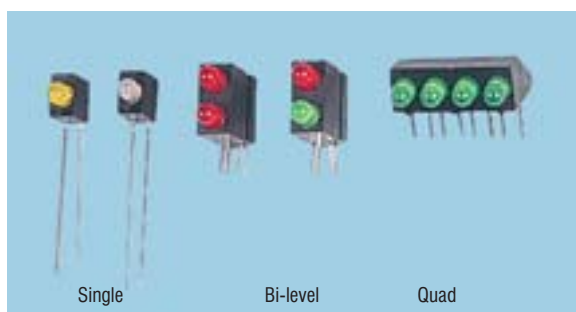
Colour	Order Code	Price Each			
		5+	50+	100+	250+
HE Red	116-8543	16.00	15.00	13.00	9.00
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Red	114-2464	30.00	27.00	22.00	11.00
Red	114-2465	20.00	18.00	14.00	8.00
Red	114-2467	58.00	52.00	41.00	34.00
Red	114-2466	16.00	16.00	14.00	8.00
Red	114-2469	65.00	61.00	45.00	38.00
Green	114-2462	16.00	15.00	13.00	9.00
Yellow	114-2474	16.00	15.00	13.00	9.00
Mounting Clip	179-038	17.00	14.00	11.00	7.00

PCB Mounting LEDs

3mm/T1



Single, Bi-colour, Bi-level and Quad



Single H=6.2, W=4.0, D (body)=5.2
Lead pitch=2.54
Leads=21 x 0.5sq.

Bi-level H=10.16, W=5.08, D (body)=10
Lead pitch=2.54 x 2.54
Leads=3.75 x 0.5sq.

Quad H=6.7, W=17.6, D (body)=9.3
Lead pitch=2.54
LED pitch=4.4
Leads=5.0 x 0.5sq.

Viewed from front, pins downward, anode is left hand pin on single (red bi-colour) and quad types, right hand pin on bi-level types.

Colour	View Angle	Typ Lum Intensity (mcd)	Mfrs. List No.	Order Code
Single				
Red	30°	35 @ 20mA	103-305-04.	264-362
Yellow	30°	35 @ 20mA	103-311-04.	264-374
Green	30°	20 @ 20mA	103-314-04.	264-386
Single Bi - colour				
Red over Green	50°	25 / 25 @ 20mA	103-330-04.	264-398
Bi - Level				
Red over Red	30°	35 @ 20mA	122-305-04.	264-404
Green over Green	30°	20 @ 20mA	122-314-04.	264-428
Red over Green	30°	35 / 20 @ 20mA	122-000-04-52.	264-430
Quad				
Red x 4	30°	35 @ 20mA	107-305-04.	264-441
Green x 4	30°	20 @ 20mA	107-314-04.	264-453

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

Colour	Order Code	Price Each			
		5+	50+	100+	500+
Red	264-362	42.00	37.00	31.00	24.00
Yellow	264-374	42.00	37.00	31.00	24.00
Green	264-386	42.00	37.00	31.00	24.00
		1+	50+	100+	500+
Red over Green	264-398	125.00	105.00	85.00	72.00
Red over Red	264-404	62.00	55.00	46.00	43.00
Green over Green	264-428	62.00	55.00	46.00	45.00
Red over Green	264-430	112.00	91.00	76.00	47.00
Red x 4	264-441	136.00	121.00	99.00	91.00
Green x 4	264-453	136.00	121.00	99.00	91.00

Colour	View Angle	Typ Lum Intensity (mcd)	Mfrs. List No.	Order Code
Single				
Red	30°	35 @ 20mA	103-305-04	973-7286
Yellow	30°	35 @ 20mA	103-311-04	973-7294
Green	30°	20 @ 20mA	103-314-04	973-7308
Single Bi - colour				
Red over Green	50°	25 / 25 @ 20mA	103-330-04	973-7316
Bi - Level				
Red over Red	30°	35 @ 20mA	122-305-04	973-7324
Green over Green	30°	20 @ 20mA	122-314-04	973-7332
Red over Green	30°	35 / 20 @ 20mA	122-000-04-52	973-7340
Quad				
Red x 4	30°	35 @ 20mA	107-305-04	973-7359
Green x 4	30°	20 @ 20mA	107-314-04	973-7367

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

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Colour	Order Code	Price Each			
		5+	50+	100+	500+
Red	973-7286	42.00	37.00	31.00	24.00
Yellow	973-7294	42.00	37.00	31.00	24.00
Green	973-7308	42.00	37.00	31.00	24.00
		1+	50+	100+	500+
Red over Green	973-7316	125.00	105.00	85.00	68.00
Red over Red	973-7324	62.00	55.00	46.00	43.00
Green over Green	973-7332	62.00	55.00	46.00	43.00
Red over Green	973-7340	112.00	91.00	76.00	47.00
Red x 4	973-7359	136.00	121.00	99.00	91.00
Green x 4	973-7367	136.00	121.00	99.00	91.00

5mm/T1 3/4 Standard



H = 6.2, W = 6.2, D (body) = 9.0
Lead pitch = 2.54, Lead length = 3.7
Leads - 0.45sq (HLMP3301/3401/3507)
0.64sq 9HLMP3001/3105/3600/3680)
Cathode is right hand pin (viewed from front, pins downward)

Colour	View Angle	Typ Lum Intensity (mcd)	I _F (mA) (max)	PIV (max)	Mfrs. List No.	Order Code
Tinted Diffused Lens						
HE Red	60°	7 @ 10mA	25	5	HLMP-3301-F00B2	100-3372
Yellow	60°	8 @ 10mA	20	5	HLMP-3401-E00B2	100-3373
Green	60°	5.2 @ 10mA	25	5	HLMP-3507-D00B2	100-3374

206696

Colour	Order Code	Price Each				
		5+	10+	100+	500+	+
HE Red	100-3372	26.00	17.00	15.00	13.00	--
Yellow	100-3373	26.00	17.00	15.00	13.00	--
Green	100-3374	26.00	17.00	15.00	13.00	--

5mm/T1 3/4 Low Current



H=6.2, W=6.2, D=9.0 (body)
Lead Pitch=2.54, Leads=4.1 x 0.45sq.
Flat on body denotes cathode

Colour	View Angle	Typ. Lum. Intensity (mcd)	I _F (mA) (max)	PIV max	Mfrs. List No.	Order Code
Tinted Diffused Lens						
Red	50°	2 @ 2mA	7	5	HLMP-4700-C00B2	100-3377
Yellow	50°	1.8 @ 2mA	7	5	HLMP-4719-A00B2	100-3378
Green	50°	1.8 @ 2mA	7	5	HLMP-4740-A00B2	100-3381

206403

Colour	Order Code	Price Each				+
		5+	10+	100+	500+	
Red	100-3377	26.00	18.00	15.00	13.00	--
Yellow	100-3378	26.00	18.00	15.00	13.00	--
Green	100-3381	26.00	18.00	15.00	13.00	--

LED Accessories

5mm/T1 3/4 and 3mm/T1 LED Holders

