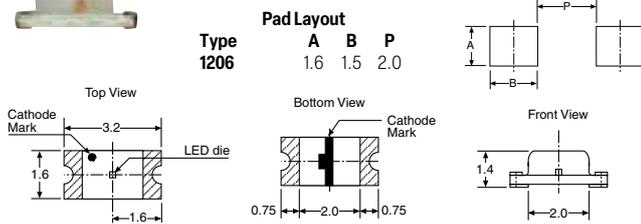


## ▼ Light Emitting Diodes

## SMD 1206 Infra Red Diode

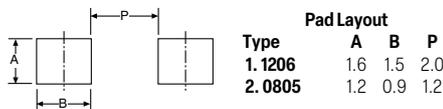
BIR-HL033A type. Water clear lens appearance, 70° view-angle. 1.2V forward voltage. 30mA forward current.



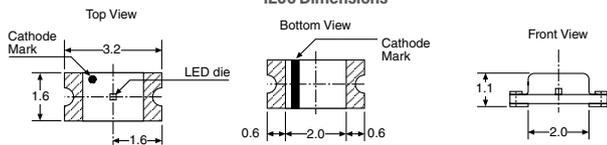
## Service &amp; Prototyping Packs

Price Per Pack	Pack Of	RRP	10+	OEM Reels	Reel Qty
<b>Y 1094</b>	10	<b>7.50</b>	<b>6.75</b>	<b>Y 1096</b>	3000

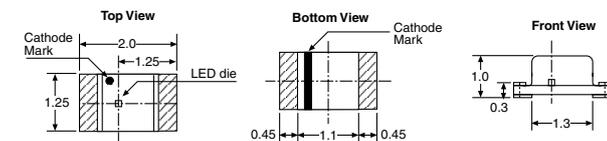
## SMD Water Clear LEDs



## 1206 Dimensions



## 0805 Dimensions

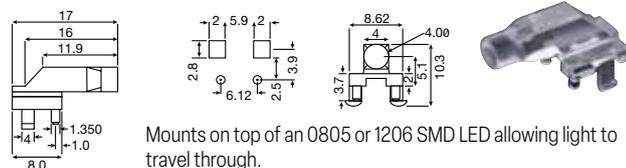


These "flat top" international 1206 & 0805 size LEDs are suitable for all automatic placement equipment. They are suitable for use with a lexan or membrane panel. 120° viewing angle. Temperature range -25° to +80°C.

## Service &amp; Prototyping Packs

Price Per Pack	V	mcd	I <sub>f</sub> (mA)	Pack	RRP	10+	OEM Reels	Reel Qty
<b>1206 Type</b>								
<b>Y 1041</b> Red	2.2	0.5	20	10	<b>3.90</b>	<b>2.80</b>	<b>Y 1043</b>	3000
<b>Y 1056</b> Green	2.2	4	30	10	<b>3.90</b>	<b>2.80</b>		
<b>Y 1073</b> Yellow	2.2	2.5	30	10	<b>4.00</b>	<b>2.90</b>		
<b>Y 1079</b> Orange	2.2	1.5	30	10	<b>4.25</b>	<b>3.35</b>	<b>Y 1081</b>	3000
<b>Y 1085</b> Blue	2.6	15	20	10	<b>5.70</b>	<b>5.20</b>	<b>Y 1087</b>	3000
<b>Y 1097</b> Red/Grn/Ylw	2.0	25/12/45	30	10	<b>8.00</b>	<b>7.25</b>	<b>Y 1099</b>	3000
<b>0805 Type</b>								
<b>Y 1107</b> Red	2	8	30	10	<b>3.90</b>	<b>2.80</b>	<b>Y 1109</b>	3000
<b>Y 1116</b> Yellow Green	2.1	12	30	10	<b>3.90</b>	<b>2.80</b>	<b>Y 1118</b>	3000
<b>Y 1125</b> Yellow	2.1	6	30	10	<b>3.90</b>	<b>2.80</b>	<b>Y 1127</b>	3000
<b>Y 1134</b> Amber	2.2	5	30	10	<b>3.90</b>	<b>2.80</b>	<b>Y 1136</b>	3000
<b>Y 1143</b> Blue	2.8	20	20	10	<b>5.70</b>	<b>5.20</b>		

## PCB Mount LED Light Pipe



Price Each	RRP	5+
<b>H 1559</b> Pk 10	<b>10.50</b>	<b>9.50</b>
<b>H 1560</b> Pk 100	<b>80.50</b>	<b>74.75</b>
<b>H 1561</b> Pk 1000	<b>685.00</b>	<b>635.00</b>

## Bar Graph LED Displays

Can be ganged together to give a longer LED display. 35 x 5 mm.



Price Each	RRP	4+	10+
<b>Z 0970A</b> 5 x green	<b>3.40</b>	<b>3.00</b>	<b>2.35</b>
<b>Z 0972A</b> 5 x red	<b>3.40</b>	<b>3.00</b>	<b>2.35</b>

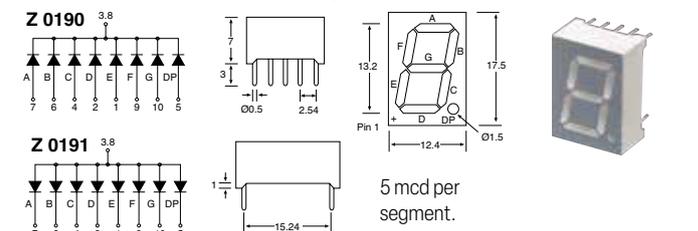
## Vertical Bar Graph LED Displays

Can be ganged together to give a longer LED display. 25.3 x 10.16mm.



Price Each	RRP	4+	10+
<b>Z 0964</b> 8 x green + 1 x yellow + 1 x red	<b>3.95</b>	<b>3.50</b>	<b>2.95</b>
<b>Z 0966</b> 10 x red	<b>3.95</b>	<b>3.50</b>	<b>2.95</b>

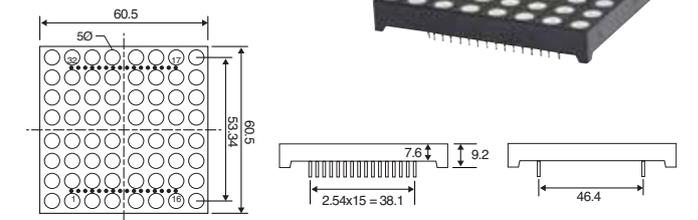
## 0.5" Red 7 Segment Displays



Price Each	RRP	5+	20+
<b>Z 0190</b> 0.52" Common cathode	<b>3.25</b>	<b>2.95</b>	<b>2.50</b>
<b>Z 0191</b> 0.52" Common anode	<b>3.25</b>	<b>2.95</b>	<b>2.50</b>

## 8x8 Dot Matrix RGB LED Display

See our website for full circuit connection diagram. Square borderless design allows you to chain together for larger displays.



Price Each	RRP	2+	4+
<b>Z 0977</b> Common anode RGB	<b>19.95</b>	<b>17.95</b>	<b>15.95</b>

## 8x8 RGB Matrix Control Shield

A control shield suitable for use with the Arduino UNO to power and control the Z 0977 8x8 RGB LED module. Create colourful effects, display symbols and text using this creative shield. 5V DC input. DM163 & M54564FP controller on board.



Price Each	RRP	2+	4+
<b>Z 6480</b>	<b>29.95</b>	<b>29.95</b>	<b>26.95</b>
<b>Z 0977</b> 8x8 RGB LED Module	<b>19.95</b>	<b>17.95</b>	<b>15.95</b>