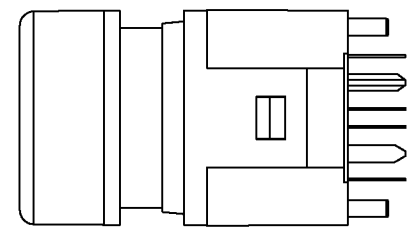
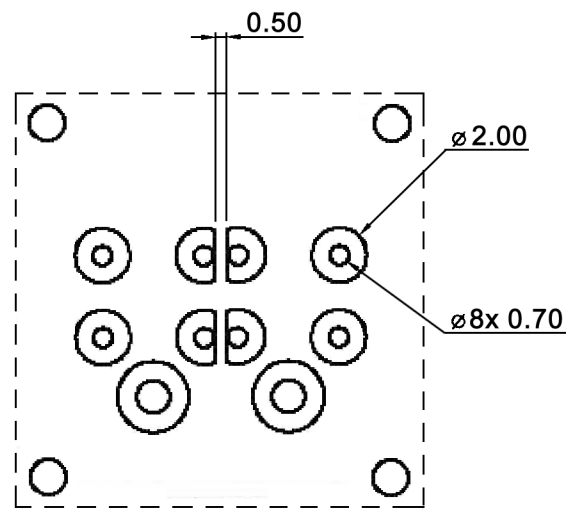


P.C.B. COPPER CLAD DESIGN



| | | | | |
|------------------------------------|-------|------|-----------------------|------|
| Tolerances: 0.00 to 30.00: ±0.20mm | | | Date | Name |
| 30.01 to 80.00: ±0.25mm | | | 03/10 | dr |
| Revised | 12/10 | dr | knitter-switch | |
| Dimensions | 10/10 | dr | | |
| LED specifications | 10/10 | dr | | |
| Modifications | Date | Name | | |

LP 14 CG-deeee-PC

30 20 53

| Cap colour (d) | Code |
|----------------|-------|
| clear | empty |
| red | R |
| orange | O |
| yellow | Y |
| green | G |
| blue | B |
| grey | K |

| LED colour (e) | Code |
|----------------|------|
| red | R |
| green | G |
| blue | B |
| yellow | Y |
| orange | O |
| white | W |
| whithout LED | N |

Ordering example:
Switch with clear cap and 3 LEDs (RGB)
LP 14 CG-CRGBN-PC

LED specifications:

| | Red | Green | Blue | Yellow | Orange | White |
|---|------|-------|------|--------|--------|-------|
| Minimum Luminous (mcd) | 70 | 380 | 50 | 36 | 70 | 480 |
| Standard Luminous (mcd) | 150 | 470 | 130 | 80 | 180 | 800 |
| Forward Peak Current (mA) | 155 | 150 | 150 | 150 | 175 | 150 |
| Power Dissipation (mW) | 75 | 102.5 | 120 | 75 | 75 | 120 |
| Forward Voltage (V), Typ. at If = 20mA | 1.85 | 3.10 | 3.30 | 2.10 | 2.00 | 3.30 |
| Forward Voltage (V), Max. at If = 20mA | 2.50 | 4.10 | 4.00 | 2.50 | 2.50 | 4.00 |
| Reverse Voltage (V) | 5 | 5 | 5 | 5 | 5 | 5 |
| Dominant Wavelength (nm) | 640 | 525 | 470 | 570 | 590 | N/A |
| Spread Angle (degree) | 120 | 120 | 120 | 120 | 120 | 120 |

The specifications shown are at a room temperature of 25°C. LED is not available separately, it is isolated and requires an external power source.



| | | | | |
|---|------|-----------------------|------|----------------------------|
| Tolerances: 0.00 to 30.00: ±0.20mm 30.01 to 80.00: ±0.25mm | | Date | Name | <h1>LP 14 CG-deeee-PC</h1> |
| | | 03/10 | dr | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | knitter-switch | | 30 20 53 |
| | | | | Page 3/3 |
| Modifications | Date | Name | | |