

Dot laser, infrared, 780 nm, 60 mW

DH780-60-5(15x60)-ADJ
Order Number: 70132670

| Main Parameters (*) | min | typ | max | Unit |
|-----------------------|-----|-----|-----|------|
| Wavelength | 770 | 780 | 790 | nm |
| Optical Output Power | 55 | 60 | 70 | mW |
| Operating Voltage | 4.5 | 5 | 5.5 | V DC |
| Operating Current | 100 | 120 | 160 | mA |
| Operating Temperature | -20 | | 50 | °C |
| Storage Temperature | -40 | | 80 | °C |

Main Data

Warranty 1 years

Technical Parameters

Lifetime > 5,000 h
RoHS yes

Optical Parameters

| | |
|--------------------------------------|----------------------|
| Beam Shape | Dot |
| Laser Class | 3B |
| Divergence | H - 1.0 mrad |
| Beam Diameter | 5 mm |
| Size of Laserdot | adjustable |
| Optics | glass lens AR coated |
| Laser technology | Single Mode Diode |
| Opt. Power Stability at const. Temp. | < 2 % |
| Stability | <8% @ -10 - 50°C |
| Focus | adjustable |

Electrical Parameters

Potential of Housing isolated

Mechanical Parameters

| | |
|-------------------|-------------------------|
| Size | Ø15x60 mm |
| Material | aluminium |
| Cable length | 320 mm |
| Wire type | Belden, Typ 1007, 26AWG |
| Output Aperture | 5.5 mm |
| Housing Color | black |
| Weight | 13 g |
| Stripping of wire | 5 mm |

(*) Over the complete operating temperature range

Features



- Operating Voltage 5 V DC
- Laser Class 3B
- Uniform line thickness
- Glas lenses anti reflex coated

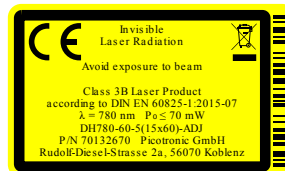
Picture



Cable color

| | | | |
|----------|--|-------|-----------------------|
| Ground |  | black | GND |
| positive |  | red | 4.5 - 5.5, typ 5 V DC |

Safety Label



Valid Revision

| 02-AUG-2019