

## Laser Diode Socket

### Round Socket pin type

#### Specifications

Dielectric Strength: AC100Vrms 1min  
Insulation Resistance: 500MΩmin  
Contact Resistance: 15mΩ max  
Current rating : 1.0A  
Operating Temperature: -45°C~+150°C

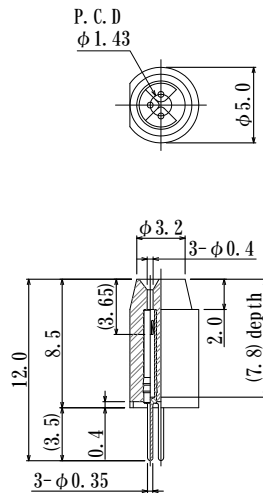
#### Material

Sleeve : Brass, Gold plating over Ni  
Contact : Beryllium, Gold plating over Ni  
Insulator: PPS or LCP Black

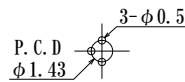
Acceptable lead dia.  $\phi 0.36 \sim 0.26 / \phi 0.0142'' \sim 0.0102''$

1.43mm pitch circle

#### 3pin LD143-3P-H85

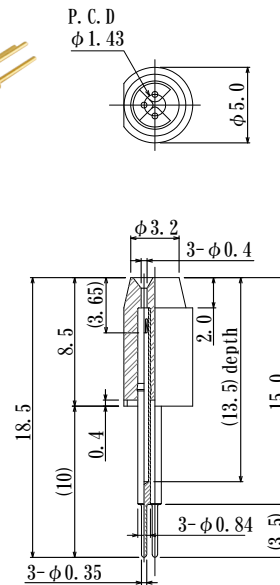


PCB dimension

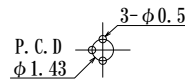


I (NV6R62L100-GG)

#### 3pin LD143-3P-H150

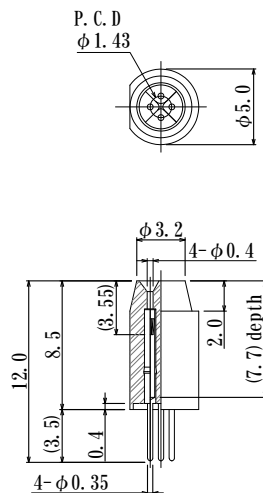


PCB dimension

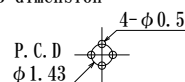


I (NV6R130L165-GG)

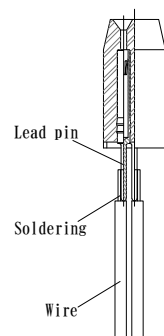
#### 4pin LD143-4P-H85



PCB dimension



I (NV6R100F75-GG)



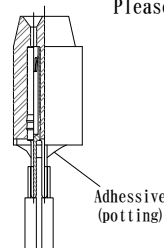
These sockets are for PC board mounting.

When soldering with the lead pin of the socket, the lead pin may come off from the insulator due to the soldering heat.

When wiring to the lead pin is required

1. Use adhesive to prevent the pin from falling onto the back of the LD socket.
2. Select different shaped pin for the lead pin.

Please contact us for details.

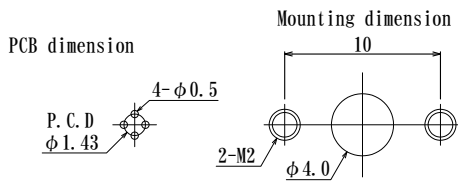
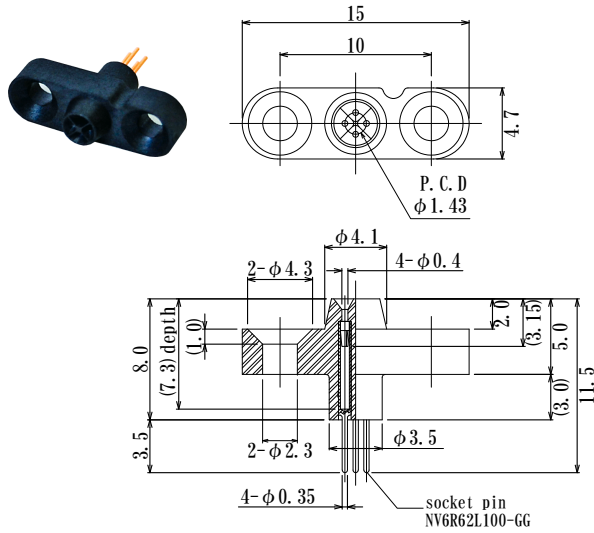


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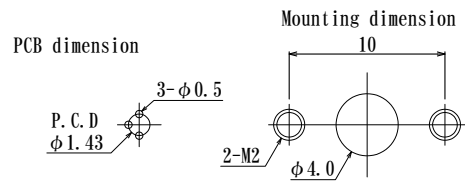
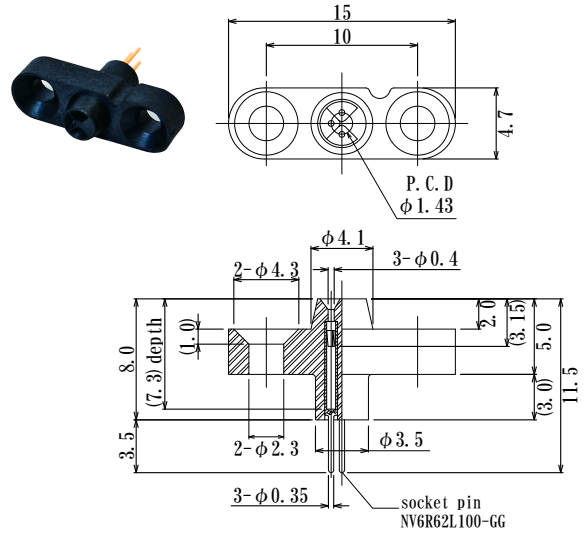
Acceptable lead dia.  $\phi 0.36 \sim 0.26/0.0142'' \sim 0.0102''$

1.43mm pitch circle

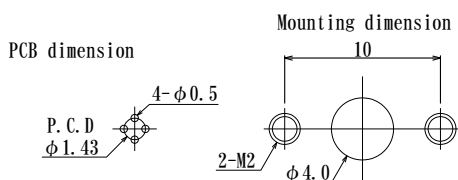
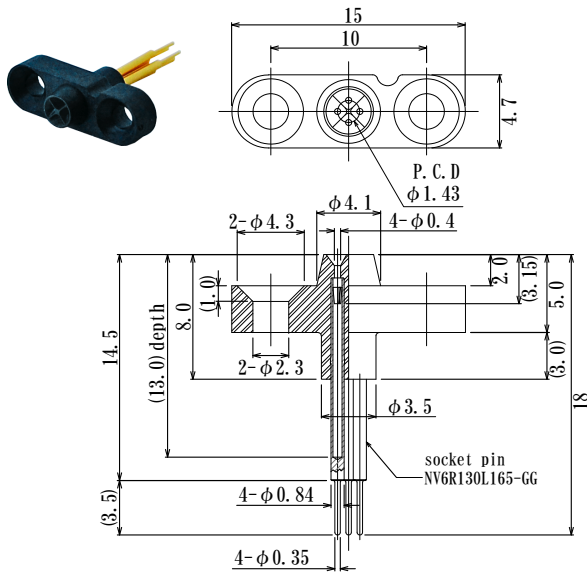
4pin  
**LD143-4P-M2L118** Flange type



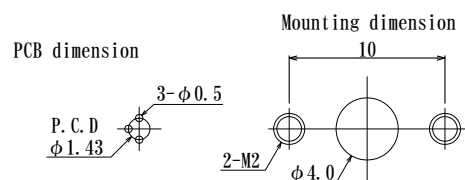
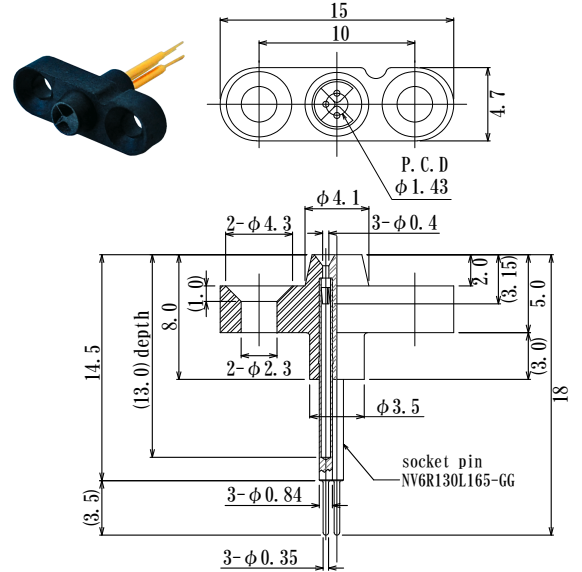
3pin  
**LD143-3P-M2L118** Flange type



4pin  
**LD143-4P-M2L180** Flange type

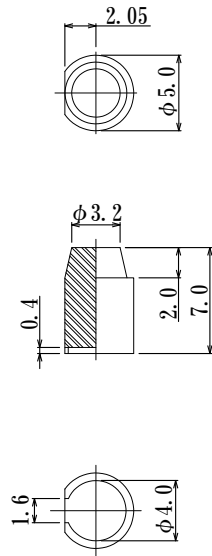


3pin  
**LD143-3P-M2L180** Flange type



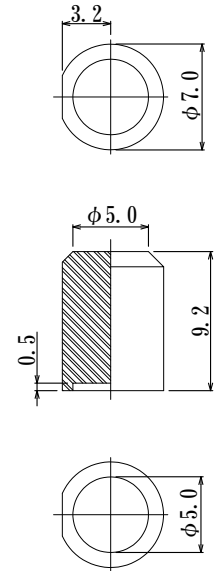
## Laser Diode Socket

Blank (unprocessed hole)  
Insulator  
**LD-INS-143-PP-F5**



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Blank (unprocessed hole)  
Insulator  
**I-LD-F7L92-BK-01**



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If the model described in this brochure does not meet the requirements of the specification, our machining technology can be used to manufacture a customized model according to your needs.

Please let us know the specifications such as the position of the socket, pitch circle and other information.