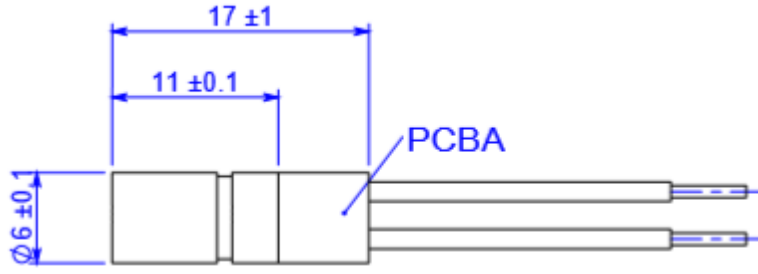


MODEL TYPE: DOT LASER MODULE
MODEL NAME: PM-635/650-D6-G



OUTLINE DIMENSIONS (UNITS: mm)



Connector PIN Assignment:
 Ground:  black GND
 Positive:  red 3~5VDC

Beam Shape



The dot size is <12mm at 10M.

SPECIFICATIONS		PM-635-D6-G	PM-650-D6-G
1	Size	Ø6*L17 mm (Ø 0.236" x L0.669")	
2	Beam Shape	Dot Laser (as the above figure)	
3	Focus	Fixed / Adjustable	
3	Operating Voltage (Vop)	3~5V	
4	Operating Current (Iop)	≤ 50mA	
5	Cw Output Power (Po)	<1mW(Class II) / <3mW (Class IIIa)	
6	Wavelength at Peak Emission (λp)	630~640nm	640~660nm
7	Collimating Lens	Glass lens	
8	Housing of Material	Bronze	
9	Housing Color	Brass	
10	Divergence	0.3 mrad	
11	Spot Size at 10M	<12mm	
12	Cable Length	60±5mm	
13	Wire Type	UL 1007 / 26AWG	
14	Potential of Housing	VDD(+)	
15	Weight	2.5g	
16	Operating Temp. Range	-20°C ~+50°C	
17	Storage Temp. Range	-40°C ~+60°C	
18	Mean Time to Failure (MTTF) 2.5mW 25°C	5000hrs	