

# Visible Cone Laser Module

APFD-635-02-15-TA

6-2D-LM63-042\_Rev.00

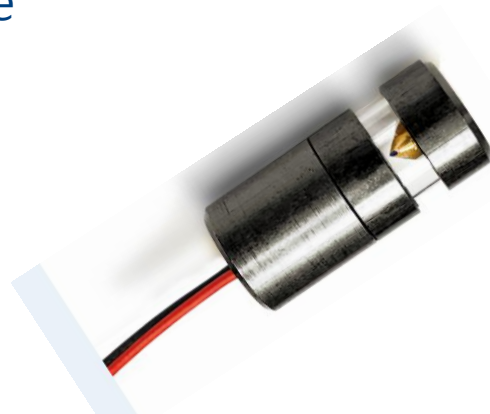
## Φ10mm 635nm 360° Line Laser Module

### Features

APC (auto power control) IC inside  
full 360 ° laser line  
High brightness  
better line quality

### Absolute maximum ratings

Parameter	Symbol	Rating	Unit
Power supply voltage	Vcc	5.5	V
Laser Module optical output power	Po	<20	mW
Operation temperature	Topr	-5~40	°C
Storage temperature	Tstg	-40~75	°C



### Electrical and optical characteristics (T<sub>c</sub>=25 °C)

Parameter	Symbol	Min.	Typ.	Max.	Unit	Conditions
Wavelength	λ	635	638	643	nm	Po= 15mW
Operation current	Iop	-	-	110	mA	Po= 15mW ; Vcc=3V
Optical output power (Dot)	Pout	13	15	20	mW	
Operation voltage	Vop		3	5	Volt	
Line thickness at 3M		<4mm				
Emitting angle		360°				

\* Sufficient heat dissipation is required for CW operation.

### Outline dimensions (Units: mm)

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