

0.8mW, 635nm, C2 Gated Cameo Laser



Stock **#72-684** [CONTACT US](#)

- 1 + £88⁰⁰

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Volume Pricing	
Qty 1-9	£88.00 each
Qty 10+	£83.60 each
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ⓘ Prices shown are exclusive of VAT/local taxes

Product Downloads

General	
Mean Time To Failures MTTF @ 25° (hours):	
≥30,000	
Type of Laser:	
Diode	

Laser Class - CDRH:	
II	
Physical & Mechanical Properties	
14 x 14	Dimensions (mm):
15	Weight (g):
Housing Length (mm):	
24	
Optical Properties	
635.00	Wavelength (nm):
2	Beam Diameter (mm):
Beam Divergence (mrad):	
0.35	
Color:	
Red	
Focus Range (mm):	
25mm - ∞	
Electrical	
0.8	Output Power (mW):
±1.5	Power Stability (%):
Hardware & Interface Connectivity	
Output Type:	
Free Space - Fixed Lens, 2mm Aperture	
Connector:	
JST 4 Pin	
Input Voltage (V):	
4.5	
Environmental & Durability Factors	
Operating Temperature (°C):	
-10 to +45	
Storage Temperature (°C):	
-40 to +85	
Regulatory Compliance	
RoHS 2015:	
Compliant	
Certificate of Conformance:	
View	
Reach 240:	
Compliant	

Product Details

- TTL Modulation up to 100kHz
- Compact 24 x 14 x 14mm Housing with M12 x 1 Threaded Barrel
- 635, 650, and 670nm Wavelength Options

Compact Gated Industrial Laser Diode Modules provide a high quality, cost effective OEM solution for a range of industrial applications. Featuring a gated CW laser output, these modules can achieve switching speeds up to 100kHz through the control input or they can be operated from low power TTL and microprocessors to achieve a simple, slow speed ON/OFF switching. An electrically isolated compact 24 x 14 x 14mm housing and M12 x 1 threaded barrel facilitates efficient cooling through good thermal contact and allows for easy integration into existing OEM laser systems. Compact Gated Industrial Laser Diode Modules are ideal for a wide range of industrial OEM applications including machine vision, inspection, positioning, and alignment. When operated within the appropriate temperature range (-10 to 55°C), these lasers can achieve long lifetimes with minimum mean time between failures (MTTF) ranging from ≥30,000 to ≥120,000 hours depending on wavelength.

Note: Interchangeable optics only compatible with A series Gated Cameo Lasers #72-688 and #72-689. C2 series lasers, #72-684 and #72-686, feature a fixed 2mm aperture lens, and S series lasers, #72-685 and #72-687, feature a fixed standard collimating lens that produces a beam size of 5 x 1.5mm.