

Enquiry no: IMP/CELP/2013-2014/UD/LTAS/01

Dated: 03/05/2013

Specification for LDC 3744C Laser Diode Driver Mount

LDM-4407 or Similar one

Specification:

Optical Beam Height	80mm (3.15") nominal
Laser Packages supported ¹	5.6 and 9mm CAN
Laser Package Position Repeatability	<200µm (0.008")
Laser Package Angular Repeatability	<10 mrad
Laser Modulation Bandwidth	100kHz
Temperature Control Range Continuous Operation ²	0 to 70 °C
Temperature Response Time (25 °C to 0 °C) ³	120 sec
TE Module	Two 14.2 watt, series connected; 8V @ 6A maximum
Thermistor	10 kΩ @ 25 °C calibrated
Connectors	Two 9-pin D-sub Controller input, miniature banana (Ground)
Nitrogen Fitting	1/16" ID tubing barb