

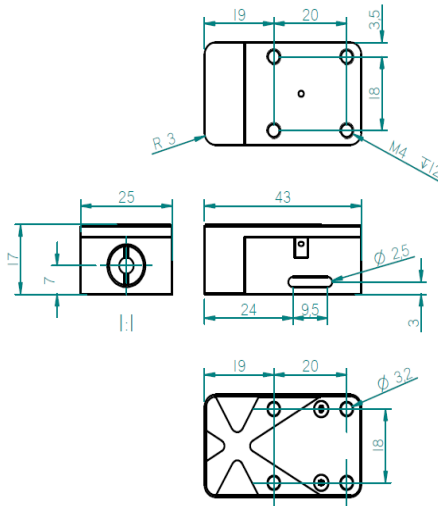


Division	 LDM Laser Diode Modules
Product	MC6335X-7A10
Description	LDM 635nm, typ. 30mW, collimated or pre-focused, USB-driven, X housing
Main Features	<ul style="list-style-type: none"> • USB connection • Standard fixation screws for optical tables • Integrated electronics Compact size • Low bore-sight • Housing electrically isolated • Low operation current • High quality lens, and excellent optical performance • Other wavelengths available
Some Applications	<ul style="list-style-type: none"> • Spectroscopy • Scientific • Automatics & Robotics • Guidance • Bio-medics • Lighting • Imaging • Extreme environmental conditions – aeronautics, space, automotives.
Picture(s)	
Outline	 <p>Technical drawing showing dimensions (mm):</p> <ul style="list-style-type: none"> Top view: 19, 20, 3.5, 18, R 3, M4 F12 Side view: 25, 7, 43, 24, 9.5, 3, $\phi 2.5$ Front view: 19, 20, 18, $\phi 3.2$

ORDERING LDM STANDARD PART NUMBER CODE				MC WW PP H-A LLL F		
MC: Standard basic LDM	ww: Wavelength 639nm	pp: Diode power 35mW	H: Housing X-series	A: Clear aperture 7mm	LLL: Optics A10 lens	F: Focus N/A

MC6335X-7A10 TENTATIVE TECH SPECIFICATIONS	
Product number	6335
Wavelength (nm)	639±4
Typ. output power (mW)	28 to 33,3
Polarisation ratio	>50:1
Lens type	Glass aspheric
Clear aperture (mm)	6,5
Divergence (mrad)	0,5
Min. focus diameter (µm)	70
Output power stability (RMS)	<0.5%
Operating current (mA)	<130
Operating voltage (Vdc)	4,5 (-0,2 / +1,0) Available on 24V DC with external Regulator along the cable
Reverse voltage protection	Built in
Connection	USB powered & controlled
Operating Temp (°C)	-10 to 50
Storage Temp (°C)	-40 to 85
Bore sight	<1mrad
Expected lifetime	>10.000h
Housing	43x25x17mm ³
Laser class	3B according to EN-60825, duly identified by labels

Conditions @ 25°C while not specified. Specifications could change depending on LD used
Lower power or pre-focusing at factory on request

Ordering Information:



800 Village Walk #316
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Email orders to: sales@xsoptix.com
Fax orders to: 800-878-7282