

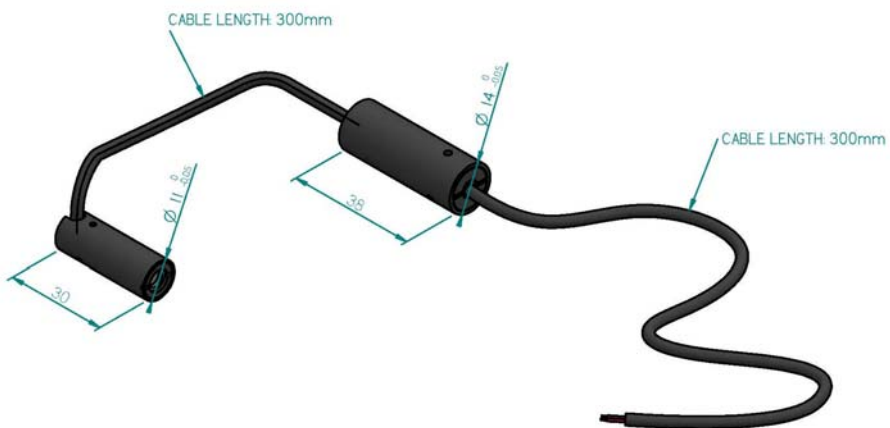
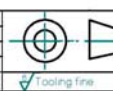
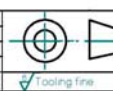
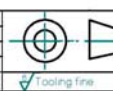


Checked by AL on 8/11/2011

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Division	 Laser Diode Modules																																																						
Product	MC6705E-L70																																																						
Description	LDM 670nm <1mW line 70° 5Vdc, protected external driver.																																																						
Main Features	<ul style="list-style-type: none"> • Small size • Low bore-sight • Housing electrically isolated • Low operation current • High quality lens 																																																						
Some Applications	<ul style="list-style-type: none"> • Automatics & Robotics • Guidance • Bio-medics • Aesthetics • Lighting • Imaging 																																																						
Outline	  <table border="1" data-bbox="303 1780 1444 1881"> <thead> <tr> <th>POS.</th> <th>UPDATED</th> <th>AUTHOR</th> <th>DATE</th> <th>Gen Toler</th> <th>Material</th> <th>Date</th> <th>Name</th> <th>Position</th> </tr> </thead> <tbody> <tr> <td></td> <td></td> <td></td> <td></td> <td>± 0.1</td> <td>Al</td> <td>30/09/11</td> <td>G.F.</td> <td>Set</td> </tr> <tr> <td></td> <td></td> <td></td> <td></td> <td>± 0.05</td> <td>ANODIZED</td> <td>30/09/11</td> <td>AI</td> <td>Model</td> </tr> <tr> <td></td> <td></td> <td></td> <td></td> <td>± 0.05</td> <td>BLACK</td> <td></td> <td></td> <td>ET-SERIES</td> </tr> <tr> <td></td> <td></td> <td></td> <td></td> <td>± 0.05°</td> <td>Description</td> <td></td> <td></td> <td></td> </tr> <tr> <td colspan="4">  </td> <td colspan="5"> LDM 655nm 3mW CA3mm Col. Ext. Driver </td> </tr> </tbody> </table> <p>Y:\Dat\ID_ingenieria\LDM\E1_series\SENOSPLANOS\65503-E1-OUTL.dft</p> <p>www.monocrom.com - info@monocrom.com</p>	POS.	UPDATED	AUTHOR	DATE	Gen Toler	Material	Date	Name	Position					± 0.1	Al	30/09/11	G.F.	Set					± 0.05	ANODIZED	30/09/11	AI	Model					± 0.05	BLACK			ET-SERIES					± 0.05°	Description								LDM 655nm 3mW CA3mm Col. Ext. Driver				
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COLLIMATED LINE TRACER RED LD MODULE

GENERAL SPECIFICATIONS

Model	MC6705E-L70
Wavelength (20°C) [nm]	670±10nm
Typ. Output power Po[mW] after lens	0,9 mW
Power stability	±5%
Op. current typical (mA for max.Po@25°C)	35
Operating temperature [°C]	0 to 50
Storage temperature [°C]	-40 to 85
Divergence X axis	< 0.35 mrd
Fan angle Y axis	70°
Y axis line uniformity	±5% (max. average @ 80% of the line without picks on the edges of the line)
Op. voltage for CW operation	5Vdc
Wires	300mm between laser head and module / 300mm Driver module output Flying leads. Red : positive connection+ /
Laser product class	CLASS 2. According with EN-60825 classification, duly identified by labels.
Housing	Laser Head Ø11(+0/-0.05)x30mm / Driver Module Ø14(+0/-0.05)x20mm length

Conditions @ 25°C while not specified.

Ordering Information:



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Guilford, CT 06437
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Email orders to: sales@xsoptix.com
Fax orders to: 800-878-7282