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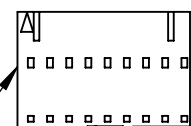
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NOTES (UNLESS OTHERWISE SPECIFIED):

1. ALL COMPONENTS AND MATERIALS OF THIS ASSEMBLY OR PART MUST BE CERTIFIABLY ROHS COMPLIANT.
2. 3D DATA BASE SHALL BE USED IN CORRELATION WITH THIS DRAWING FOR FEATURES NOT DIMENSIONED ON FACE OF THIS DRAWING.
3. 3D MODEL (STEP) FILE AVAILABLE UPON REQUEST
4. SPECITIFCATIONS APPROVED PER CX4000B CONTROLLER OR NMLASER ELECTRICAL SPECIFICATIONS.

REVISIONS			
REV.	DESCRIPTION	DATE	APPROVED
A	INITIAL RELEASE	10/6/2020	B.L.
B	UPDATED ELECTRICAL SPECIFICATIONS, APERTURE LOCATION CHANGED, SCREW COVER	07/18/2023	M.K.

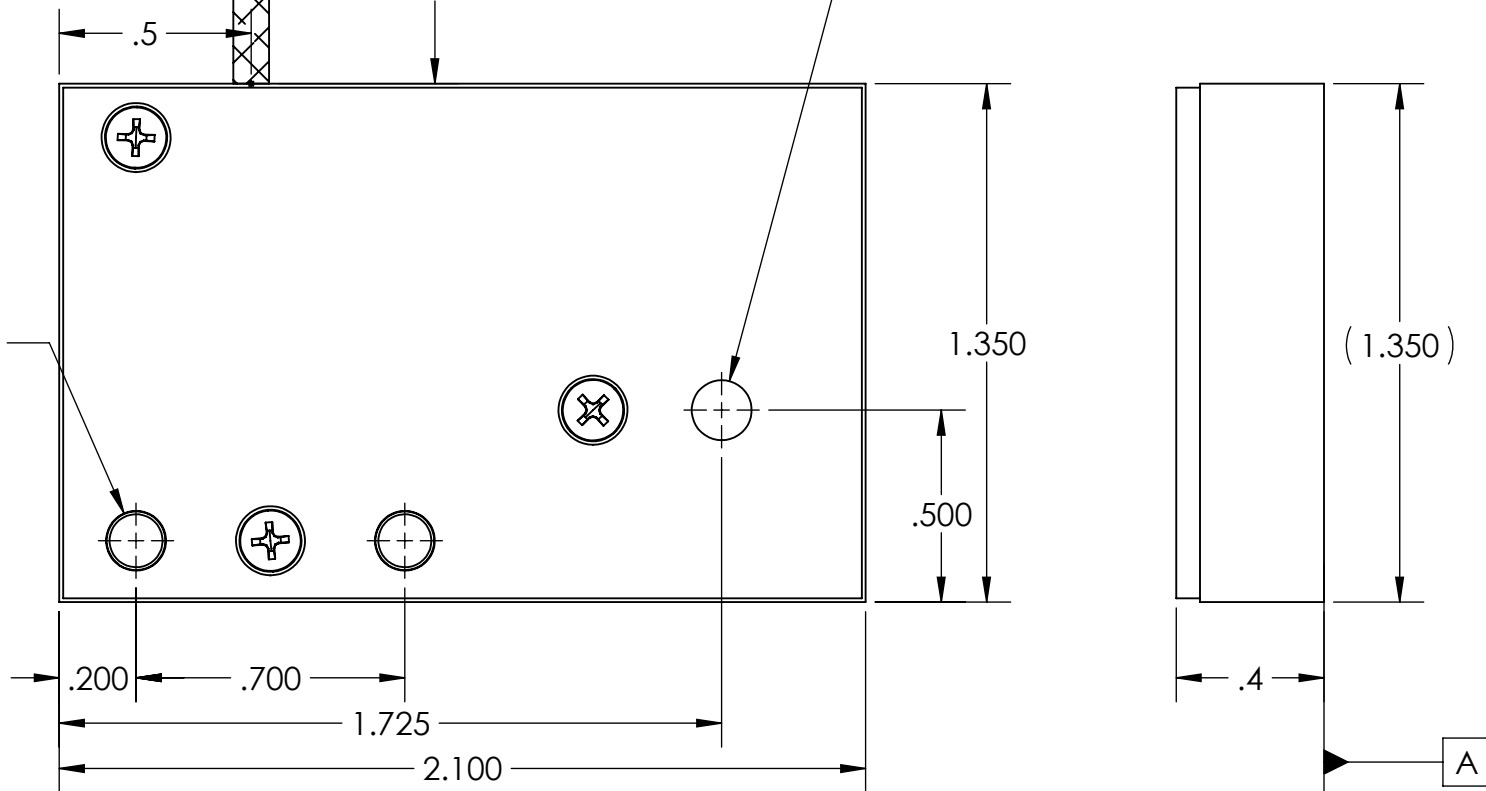
CONNECTOR:
9-PIN MOLEX 0050579409



CABLE LENGTH:
18 INCHES

OUTPUT APERTURE:
Ø .156 [4mm]

MOUNTING HOLES:
2X Ø .156 THRU



LST200-F40 SPECIFICATIONS

OPTICAL SPECS.	
Aperture Size	4.0 mm
Typical Beam Diameter	2.0 mm
Maximum Power Handling	6 W
Custom Optics	Aluminum or Gold optics
Damage Threshold	Standard - 30 mJ/cm ² @ 10 ns Custom - 300 mJ/cm ² @ 10 ns


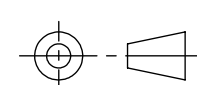
ELECTRICAL SPECS.	
Power Supply	24 VDC, 1 AMP RATING
Electrical Drive Circuit	Boost Open - 24V @ 5ms Hold Open - 10 V Delay Close - 2 ms Brake Close - 1 ms
Winding Resistance	22 Ohms
Winding Inductance	10 mH
Position Sensors	2 PHOTO-TRANSISTOR, 5V TTL LOGIC

PERFORMANCE SPECS.	
Open Delay Time	2 ms
Open Rise Time	3 ms
Open Total Time	5 ms
Close Delay Time	2 ms
Close Fall Time	3 ms
Close Total Time	5 ms
Min. FWHM Exposure	15 ms
Max. Repetition Rate	30 Hz

THERMAL SPECS.	
Power Dissipation Holding Open	4.5W
Power Dissipation Cycling	6W @ 25 Hz
Mounting Surface	Datum A

PIN#	WIRE COLOR	FUNCTION
1	RED	SHUTTER POWER (+)
2	BLACK	SHUTTER POWER (-)
3	GREEN	CASE GROUND
4	VIOLET	LED ANODE (OPEN SENSOR)
5	BROWN	LED ANODE (CLOSE SENSOR)
6	YELLOW	LED COMMON GROUND
7	WHITE	COLLECTOR (OPEN SENSOR)
8	ORANGE	COLLECTOR (CLOSE SENSOR)
9	GRAY	EMITTER COMMON GROUND

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DIMENSIONS ARE IN INCHES TOLERANCES: ANGULAR: ±1° ONE DECIMAL: X.X ±.1 TWO DECIMAL: X.XX ±.015 THREE DECIMAL: X.XXX ±.005	NAME	DATE	 TITLE: SHUTTER, LST200, LST200-F40
	DRAWN	B.L. 6/4/20	
	CHECKED	M.K. 6/6/20	
	ENG APPR.		
	MFG APPR.		SIZE DWG. NO. REV B LST200-F40 B
	Q.A.		
	3RD ANGLE PROJECTION		SCALE: 1:1
DO NOT SCALE DRAWING			SHEET 1 OF 1

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