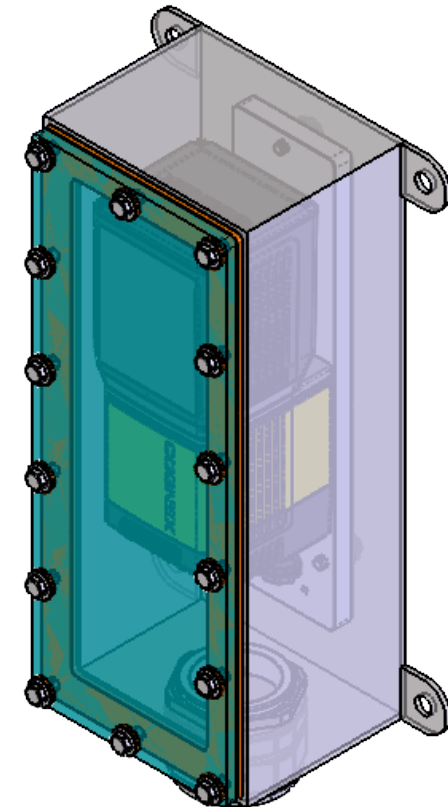
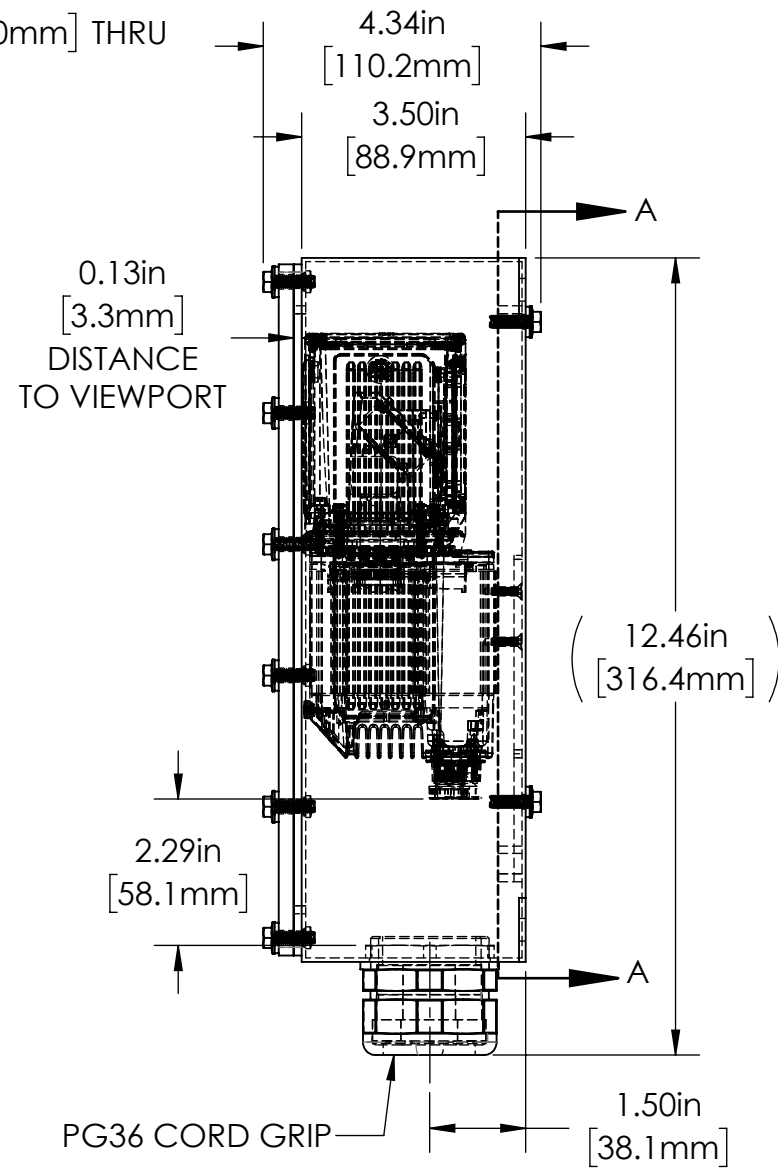
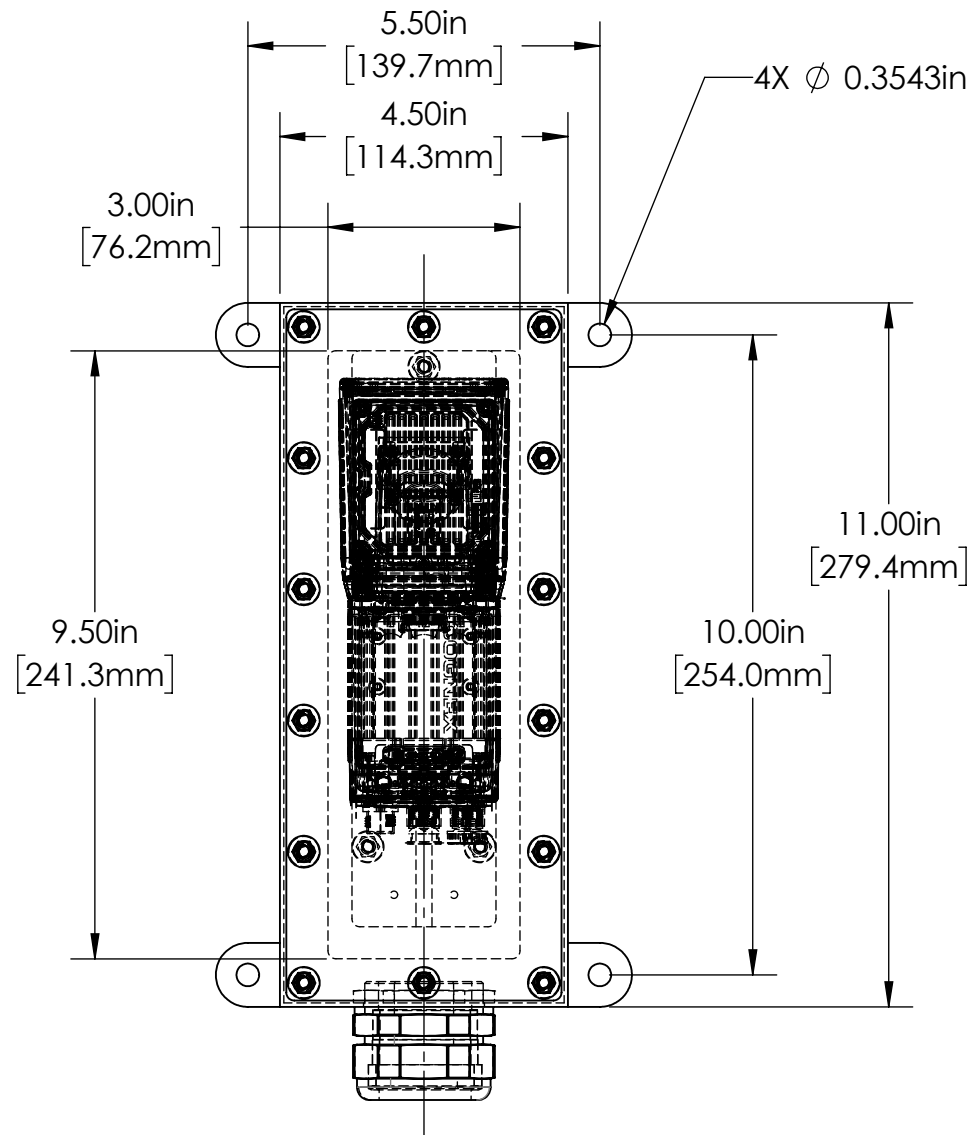


NOTE: OPTIONAL HEATER COMPONENTS NOT SHOWN

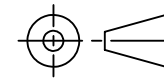
REVISIONS				
ZONE	REV.	DESCRIPTION	DATE	APPROVED
	A	RELEASED FOR PRODUCTION	12/7/2021	DMM



LD SERIES PROPERTIES TABLE

ENVIRONMENT RATING	IP69K*	
	(*RATING MAY CHANGE IF INSTALLER MILLS CABLE GLAND OUTSIDE OF TOLERANCE)	
COMPONENT	MATERIAL	FINISH
BODY	316 SS	BURNISHED
VIEWPORT	CLEAR FLOW COAT ACRYLIC	ABR2
GASKET	SILICONE	NONE
ARM/ADAPTOR	6061 ALUMINUM	NONE
HARDWARE	316 SS - EXTERNAL, 18-8 SS - INTERNAL	NONE

TOLERANCES UNLESS OTHERWISE SPECIFIED			
MACHINING		SHEET METAL	
X.X	0.0250"	HOLE TO HOLE (SAME SURFACE)	
X.XX	0.0100"	X.X	0.030"
X.XXX	0.0050"	X.XX	0.010"
X.XXXX	0.0005"	X.XXX	0.005"
ANGULAR	0.5°	X.XXX	0.015"
DEBURR ALL		HOLE TO FOLDED EDGE	
		X.X	0.035"
		X.XX	0.025"
		X.XXX	0.015"
		FOLD TO FOLD	
		X.X	0.045"
		X.XX	0.035"
		X.XXX	0.020"
		ANGULAR 1.0°	



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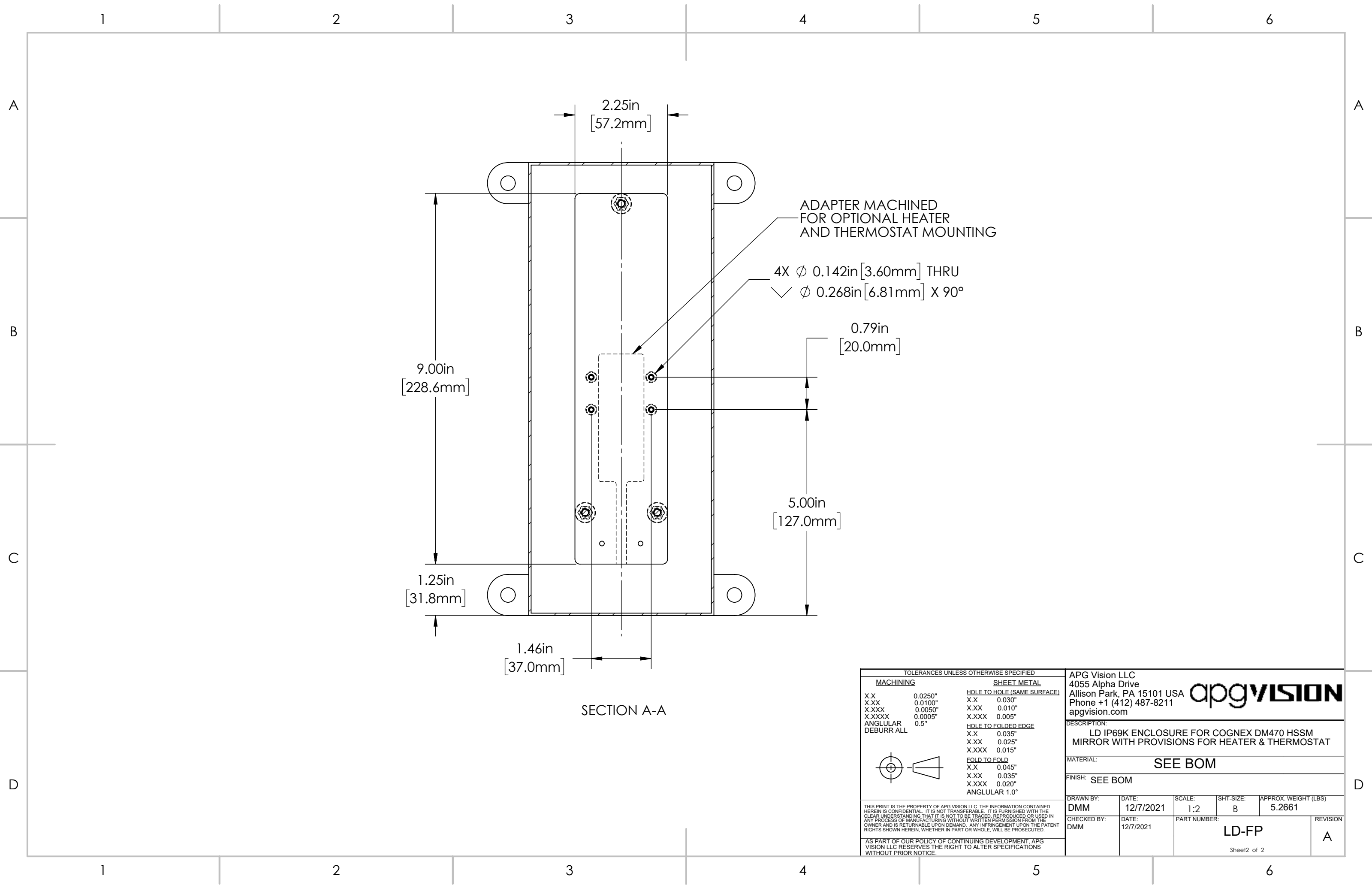
DESCRIPTION:
LD IP69K ENCLOSURE FOR COGNEX DM470 HSSM MIRROR WITH PROVISIONS FOR HEATER & THERMOSTAT

MATERIAL: SEE BOM

FINISH: SEE BOM

DRAWN BY: DMM DATE: 12/7/2021 SCALE: 1:3 SHT-SIZE: B APPROX. WEIGHT (LBS): 5.2661

CHECKED BY: DMM DATE: 12/7/2021 PART NUMBER: LD-FP REVISION: A



ADAPTER MACHINED FOR OPTIONAL HEATER AND THERMOSTAT MOUNTING

4X ϕ 0.142in [3.60mm] THRU
 \surd ϕ 0.268in [6.81mm] X 90°

0.79in [20.0mm]

5.00in [127.0mm]

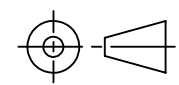
9.00in [228.6mm]

1.25in [31.8mm]

1.46in [37.0mm]

SECTION A-A

TOLERANCES UNLESS OTHERWISE SPECIFIED			
MACHINING		SHEET METAL	
X.X	0.0250"	HOLE TO HOLE (SAME SURFACE)	
X.XX	0.0100"	X.X	0.030"
X.XXX	0.0050"	X.XX	0.010"
X.XXXX	0.0005"	X.XXX	0.005"
ANGULAR	0.5°	HOLE TO FOLDED EDGE	
DEBURR ALL		X.X	0.035"
		X.XX	0.025"
		X.XXX	0.015"
		FOLD TO FOLD	
		X.X	0.045"
		X.XX	0.035"
		X.XXX	0.020"
		ANGULAR 1.0°	



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DESCRIPTION:
 LD IP69K ENCLOSURE FOR COGNEX DM470 HSSM MIRROR WITH PROVISIONS FOR HEATER & THERMOSTAT

MATERIAL: SEE BOM

FINISH: SEE BOM

DRAWN BY: DMM	DATE: 12/7/2021	SCALE: 1:2	SHT-SIZE: B	APPROX. WEIGHT (LBS): 5.2661
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CHECKED BY: DMM	DATE: 12/7/2021	PART NUMBER: LD-FP	REVISION: A
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