

10	9	8	7	6	5	4	3	2	1
PART NUMBER	DESCRIPTION		SEE SHEET	STATUS					
180180-0000	HOLDER WITHOUT LENS		3	TOOLED					
180180-0001	HOLDER WITH LENS		3	NOT TOOLED					
180182-0000	COVER LENS ONLY		3	NOT TOOLED					
N/A	REFLECTOR OPTION (LEDIL)		4	AVAILABLE THRU LEDIL					

F

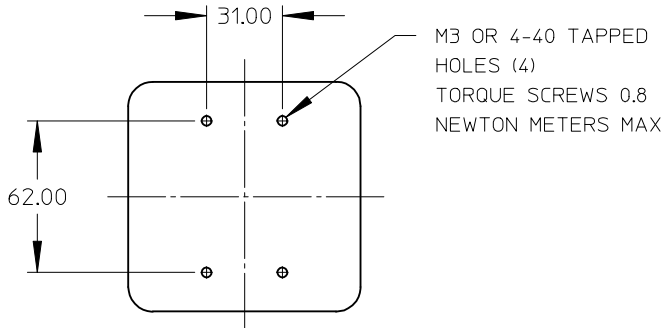
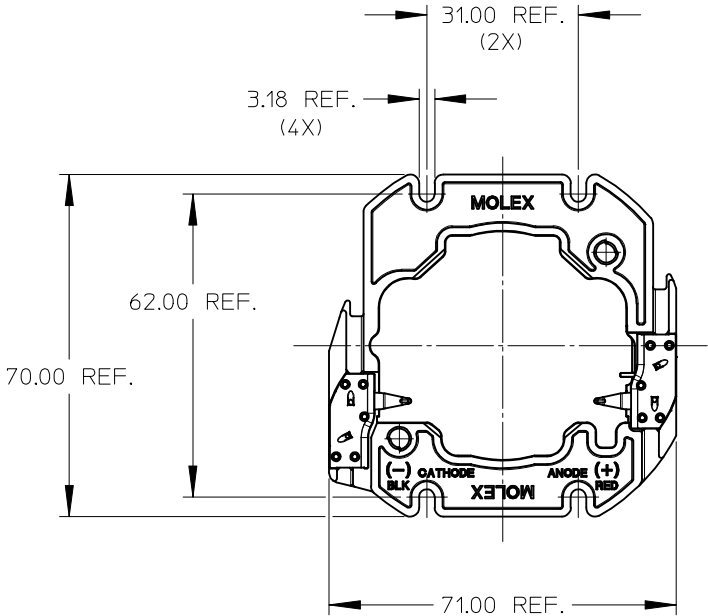
E

D

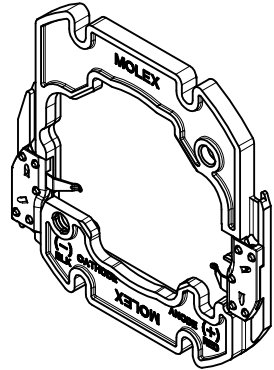
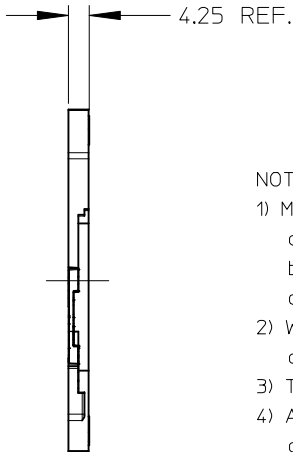
C

B

A



RECOMMENDED MOUNTING DIMENSIONS (NTS)



- NOTES:
- 1) MATERIALS:
 - a. CAPS: NATURAL COLOR PA66 NYLON 25% GF UL94V-0
 - b. HOUSING: NATURAL COLOR PA66 NYLON 25% GF UL94V-0
 - c. COVER LENS: CLEAR POLYCARBONATE UL 94HB
 - 2) WIRE TRAP TERMINALS: COPPER ALLOY
 - a. FINISH: SILVER OVER NICKEL
 - 3) THIS PRODUCT IS ELV AND ROHS COMPLIANT
 - 4) APPLICABLE WIRE GAUGE - 18 OR 20 AWG
 - a. SOLID WIRE IS RECOMMENDED
 - b. IF STRANDED WIRE IS USED, PRE-TINNED IS RECOMMENDED
 - c. 1 cm STRIP LENGTH IS RECOMMENDED
 - 5) MOUNT HOLDER USING M3 OR 4-40 SCREWS (4), 0.8 NEWTON METERS MAX TORQUE
 - 6) CONTACT AREA OF TERMINAL HAS AN ENVIRONMENTAL BARRIER/LUBRICANT FOR CORROSION RESISTANCE
 - 7) UL:OLFB2 UL496 FILE: E345583.

F

E

D

C

B

A

ENTER DESCRIPTION EC NO: SSL2016-0054 DRAWN: ZABJANOVSKI 2016/03/29 CHKD: APPR: GMEYER 2016/04/11		DESCRIPTION	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE		SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION		
						MM ONLY		1:1	METRIC	 THIRD ANGLE PROJECTION		
C2		REV	F_A=0 F_G=0 F_P=0		mm	INCH	DRAWN BY	DATE	BRIDGELUX RS LED HOLDER			
				4 PLACES	± ---	± ---	CCARRANZA	2010/10/26				
				3 PLACES	± ---	± ---	CHECKED BY	DATE	MOLEX MOLEX INCORPORATED			
				2 PLACES	± 0.13	± ---	CCARRANZA	2012/11/06				
				1 PLACE	± 0.25	± ---	APPROVED BY	DATE	DOCUMENT NO. SD-180180-000			
ANGULAR ±1/2°		DMCGOWAN	2010/12/23	SHEET NO. 1 OF 4								
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		MATERIAL NO.						SEE CHART				
				SIZE B	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION							

9

8

7

6

5

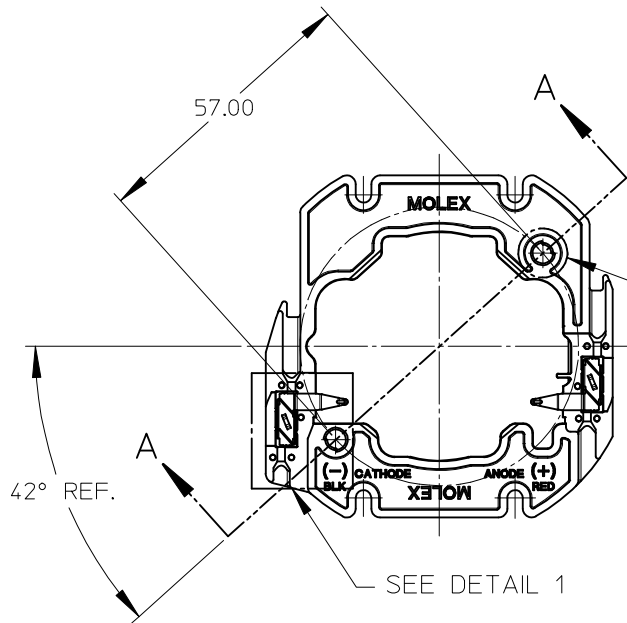
4

3

2

1

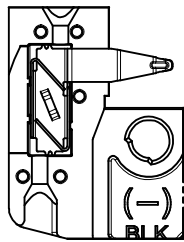
WIRE TRAP CAPS ARE REMOVED FROM FRONT VIEW FOR CLARITY



SEE DETAIL 3

SEE DETAIL 2

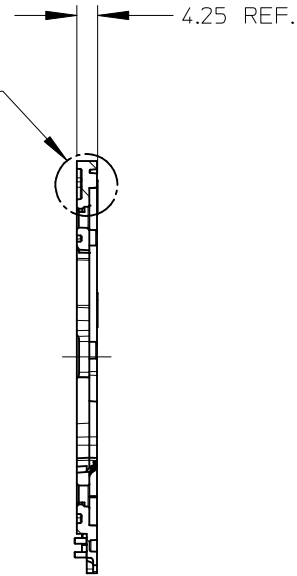
SEE DETAIL 1



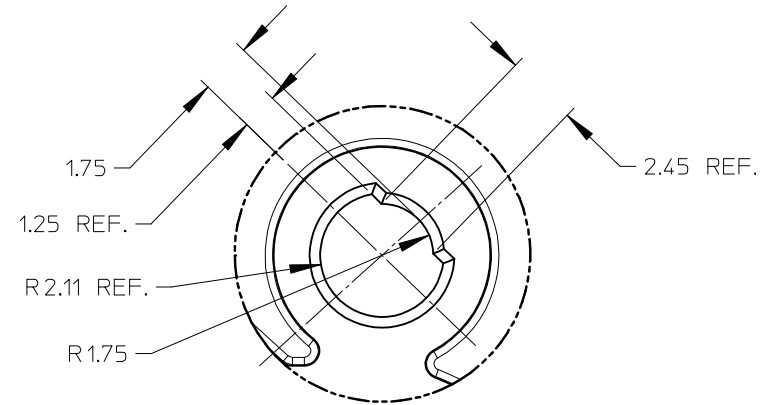
VIEW OF TWO-WAY WIRE TRAP

WIRE TRAPS WILL ACCOMODATE
EITHER 18 OR 20 GAUGE WIRE

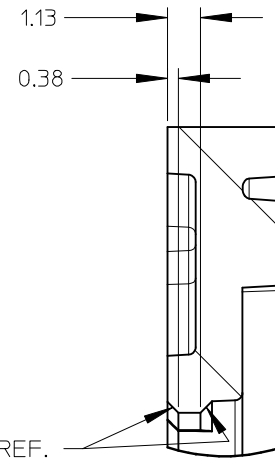
DETAIL 1 SCALE 2:1



SECTION A-A
SCALE 1:1

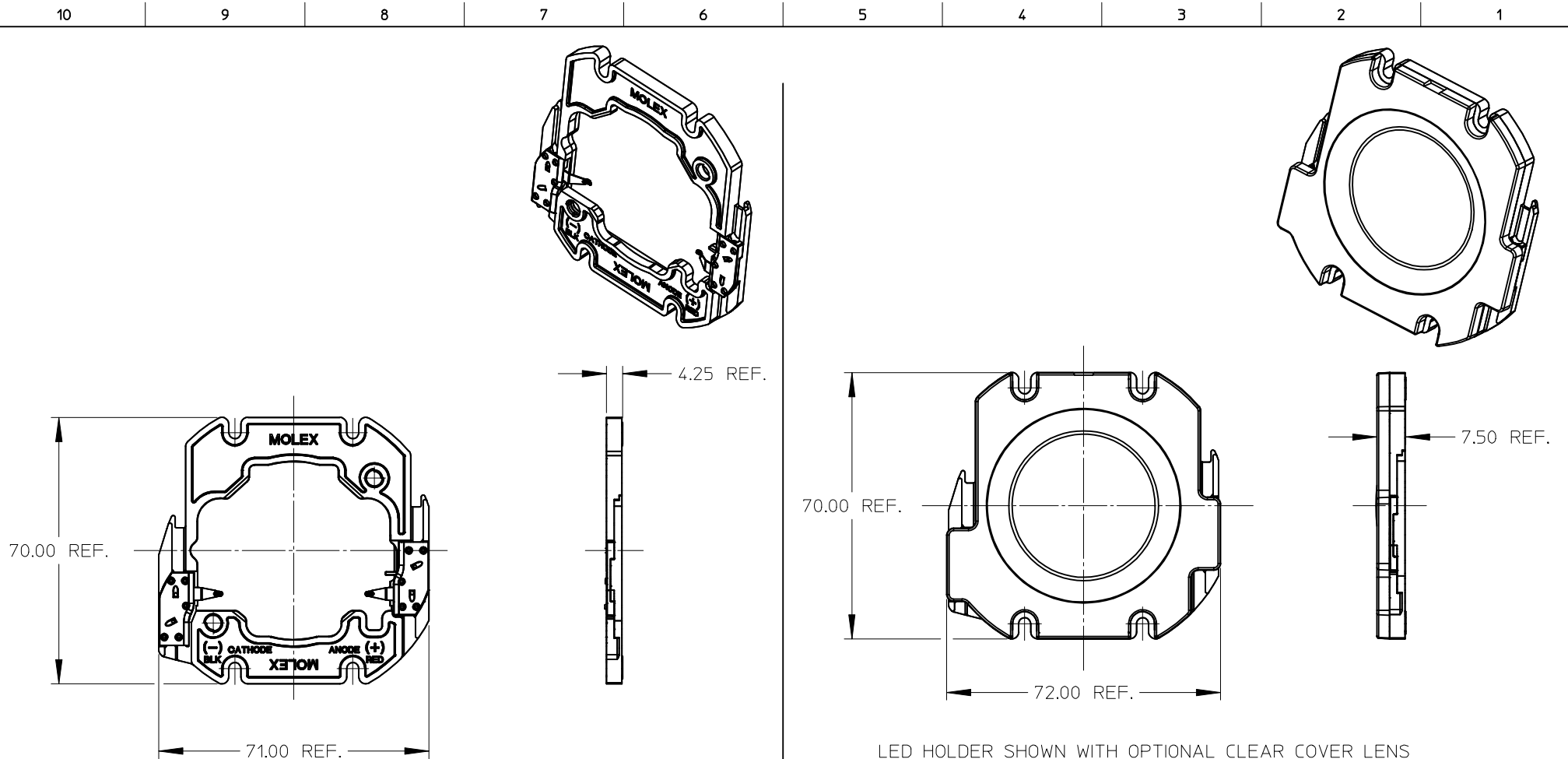


DETAIL 2 SCALE 6:1



DETAIL 3 SCALE 6:1

ENTER DESCRIPTION EC NO: SSL2016-0054 DWG: L7AB JANOVSKI 2016/03/29 CHKD: APPR: GMEYER	DESCRIPTION	QUALITY SYMBOLS ▽_A=0 ▽_F=0 ▽_P=0	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE 2:1	DESIGN UNITS METRIC	 THIRD ANGLE PROJECTION		
				mm	INCH	DRAWN BY CCARRANZA	DATE 2010/10/26	TITLE BRIDGELUX RS LED HOLDER			
			4 PLACES	± ---	± ---	CHECKED BY	DATE				
			3 PLACES	± ---	± ---	CCARRANZA	2012/11/06	MOLEX INCORPORATED			
			2 PLACES	± 0.13	± ---	APPROVED BY	DATE				
			1 PLACE	± 0.25	± ---	DMCGOWAN	2010/12/23				
			ANGULAR ±1/2°		MATERIAL NO.	DOCUMENT NO.	SHEET NO.				
			DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SEE CHART		SD-180180-000			2 OF 4	
					SIZE B		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION				



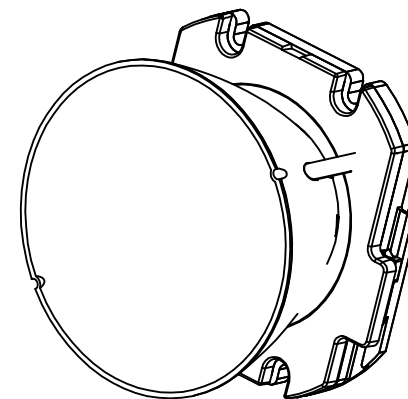
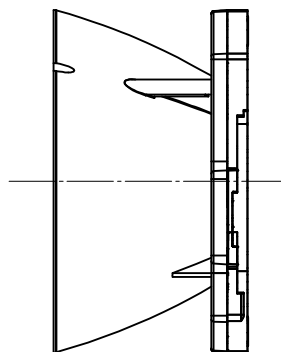
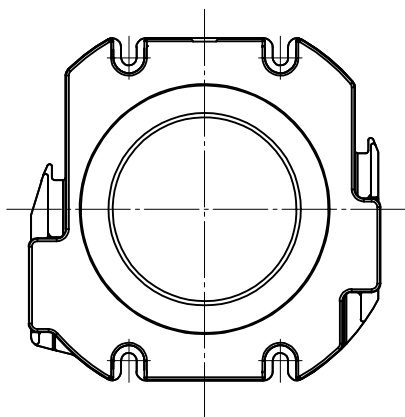
LED HOLDER PART NUMBER 180180-0000

LED HOLDER SHOWN WITH OPTIONAL CLEAR COVER LENS
MOLEX INDIVIDUAL COVER LENS PART NUMBER 180182-0000
HOLDER AND LENS ASSEMBLY PART NUMBER 180180-0001

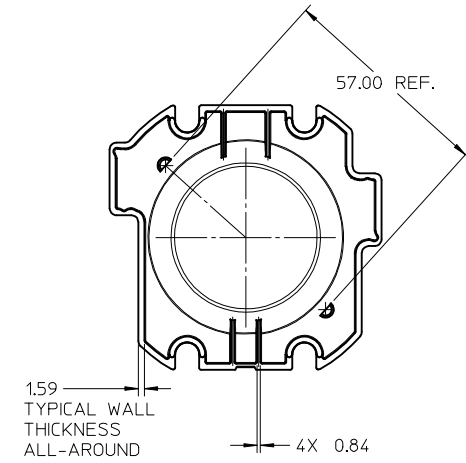
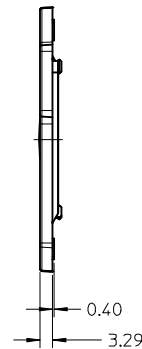
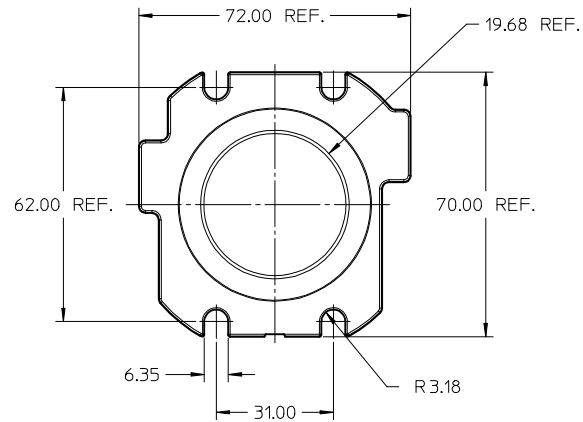
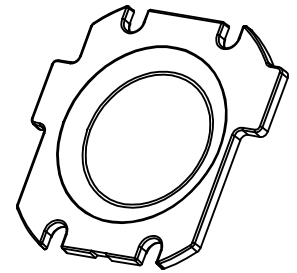
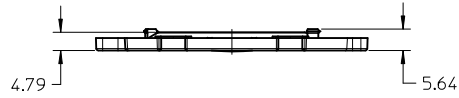
ENTER DESCRIPTION EC NO: SSL2016-0054 DRAWN: ZAB/ANOVSKI 2016/03/29 CHKD: APPR: GMEYER 2016/04/11 REV	QUALITY SYMBOLS ▽=0 ▽=0 ▽=0	DESCRIPTION	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE 1:1	DESIGN UNITS METRIC	 THIRD ANGLE PROJECTION		
				mm	INCH	DRAWN BY CCARRANZA	DATE 2010/10/26	TITLE BRIDGELUX RS LED HOLDER			
			4 PLACES	± ---	± ---	CHECKED BY	DATE				
			3 PLACES	± ---	± ---	CCARRANZA	2012/11/06				
			2 PLACES	± 0.13	± ---	APPROVED BY	DATE	MOLEX INCORPORATED			
			1 PLACE	± 0.25	± ---	DMCGOWAN	2010/12/23				
			ANGULAR ±1/2°		MATERIAL NO.		DOCUMENT NO.			SHEET NO.	
			DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SEE CHART		SD-180180-000			3 OF 4	
					SIZE B	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION					

10 9 8 7 6 5 4 3 2 1

SHOWN WITH OPTIONAL REFLECTOR
SOLD SEPARATELY BY LEDIL @ www.ledil.com



ENTER DESCRIPTION EC NO: SSL2016-0054 DRAWN: ZABJANOVSKI 2016/03/29 CHKD: APPR: GMEYER 2016/04/11 C2	DESCRIPTION REV	QUALITY SYMBOLS F=0 F=0 F=0	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE 1:1	DESIGN UNITS METRIC	 THIRD ANGLE PROJECTION		
				mm	INCH	DRAWN BY CCARRANZA	DATE 2010/10/26	TITLE BRIDGELUX RS LED HOLDER			
			4 PLACES	± ---	± ---	CHECKED BY CCARRANZA	DATE 2012/11/06				
			3 PLACES	± ---	± ---	APPROVED BY DMCGOWAN	DATE 2010/12/23	MOLEX INCORPORATED 			
			2 PLACES	± 0.13	± ---	MATERIAL NO.				DOCUMENT NO.	SHEET NO. 4 OF 4
			1 PLACE	± 0.25	± ---	SEE CHART				SD-180180-000	
			ANGULAR ±1/2°			SIZE B		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION			



- NOTES:
1. MATERIAL: CLEAR POLYCARBONATE UL94HB.
 2. THIS PRODUCT IS ELV AND ROHS COMPLIANT.

INITIAL RELEASE EC NO: SSL2013-0009 DRAWN:MDEVITO 2012/07/24 CHKD:CCARRANZA 2012/07/24 APPR:DMCGOWAN 2012/07/25 1	DESCRIPTION	QUALITY SYMBOLS F=0 E=0 F=0	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE 1:1	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION 	
				mm	INCH	DRAWN BY MDEVITO	DATE 2012/07/24	TITLE BRIDGELUX RS LED HOLDER LENS (SALES) molex		
			4 PLACES	± ---	± ---	CHECKED BY CCARRANZA	DATE 2012/07/24			
			3 PLACES	± ---	± ---	APPROVED BY	DATE			
			2 PLACES	± 0.13	± ---	DMCGOWAN	2012/07/25			
			1 PLACE	± 0.25	± ---					
0 PLACE	± ---	± ---	MATERIAL NO. 1801820000		DOCUMENT NO. SD-180182-0000		SHEET NO. 1 OF 1			
REV			DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION			