

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

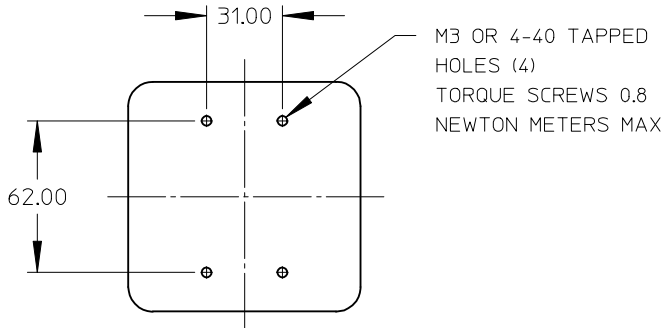
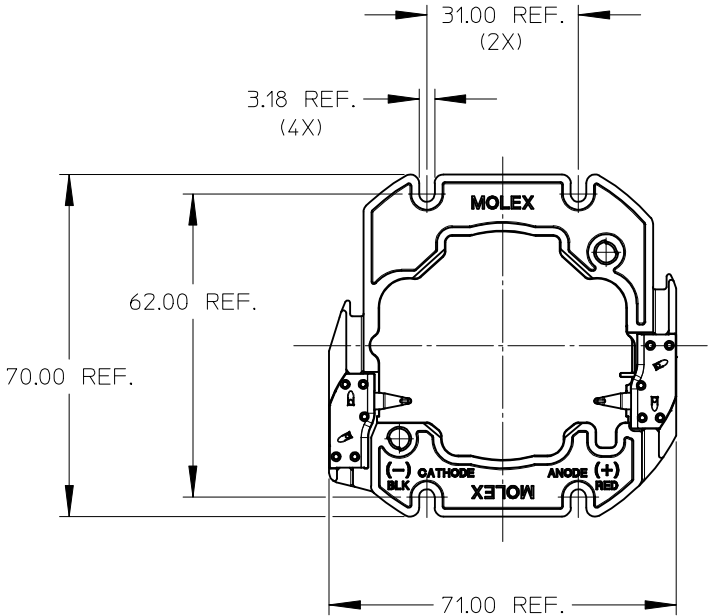
E

D

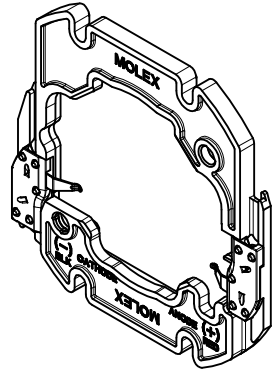
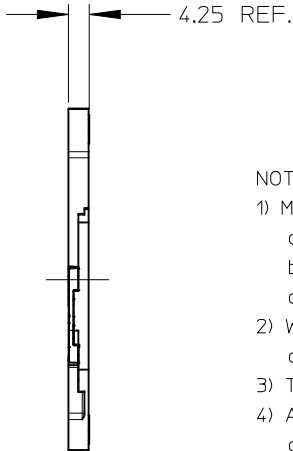
C

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

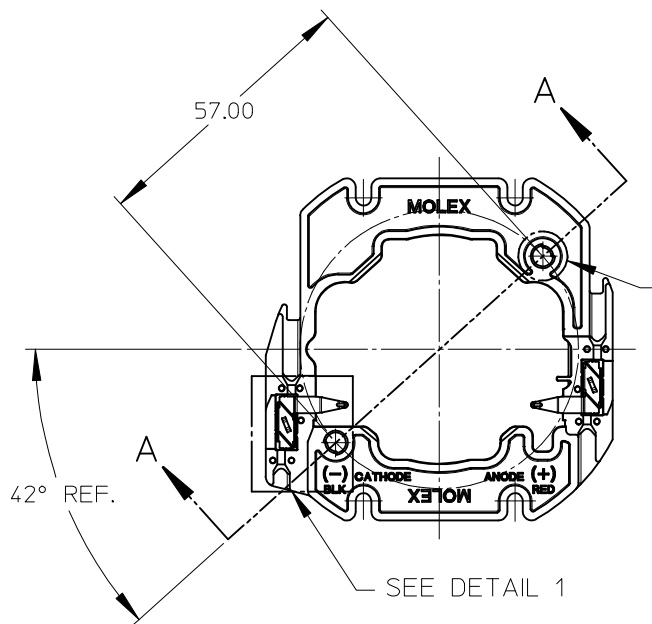
C

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				
C2	REV		F_A=0 F_G=0 F_P=0							BRIDGELUX RS LED HOLDER			
				ANGULAR ±1/2°		DMCGOWAN 2010/12/23		 MOLEX INCORPORATED					
				DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		MATERIAL NO.		DOCUMENT NO.		SHEET NO.			
						SEE CHART		SD-180180-000		1 OF 4			
						SIZE B	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION						

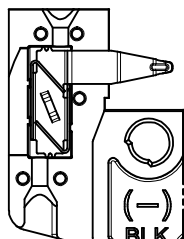
WIRE TRAP CAPS ARE REMOVED FROM FRONT VIEW FOR CLARITY



SEE DETAIL 3

SEE DETAIL 2

SEE DETAIL 1



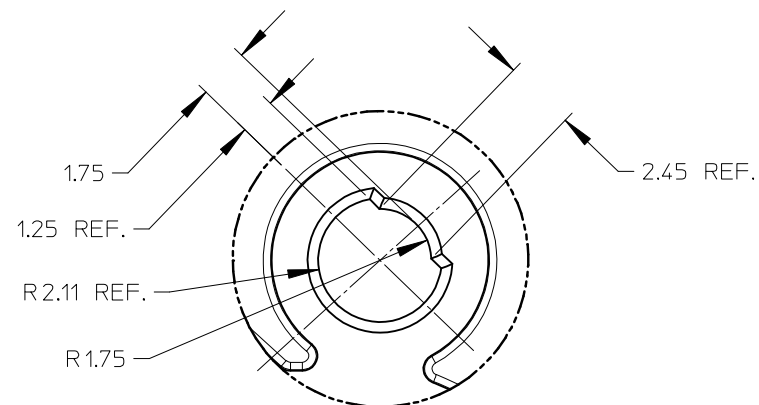
VIEW OF TWO-WAY WIRE TRAP

WIRE TRAPS WILL ACCOMODATE
EITHER 18 OR 20 GAUGE WIRE

DETAIL 1 SCALE 2:1

4.25 REF.

SECTION A-A
SCALE 1:1



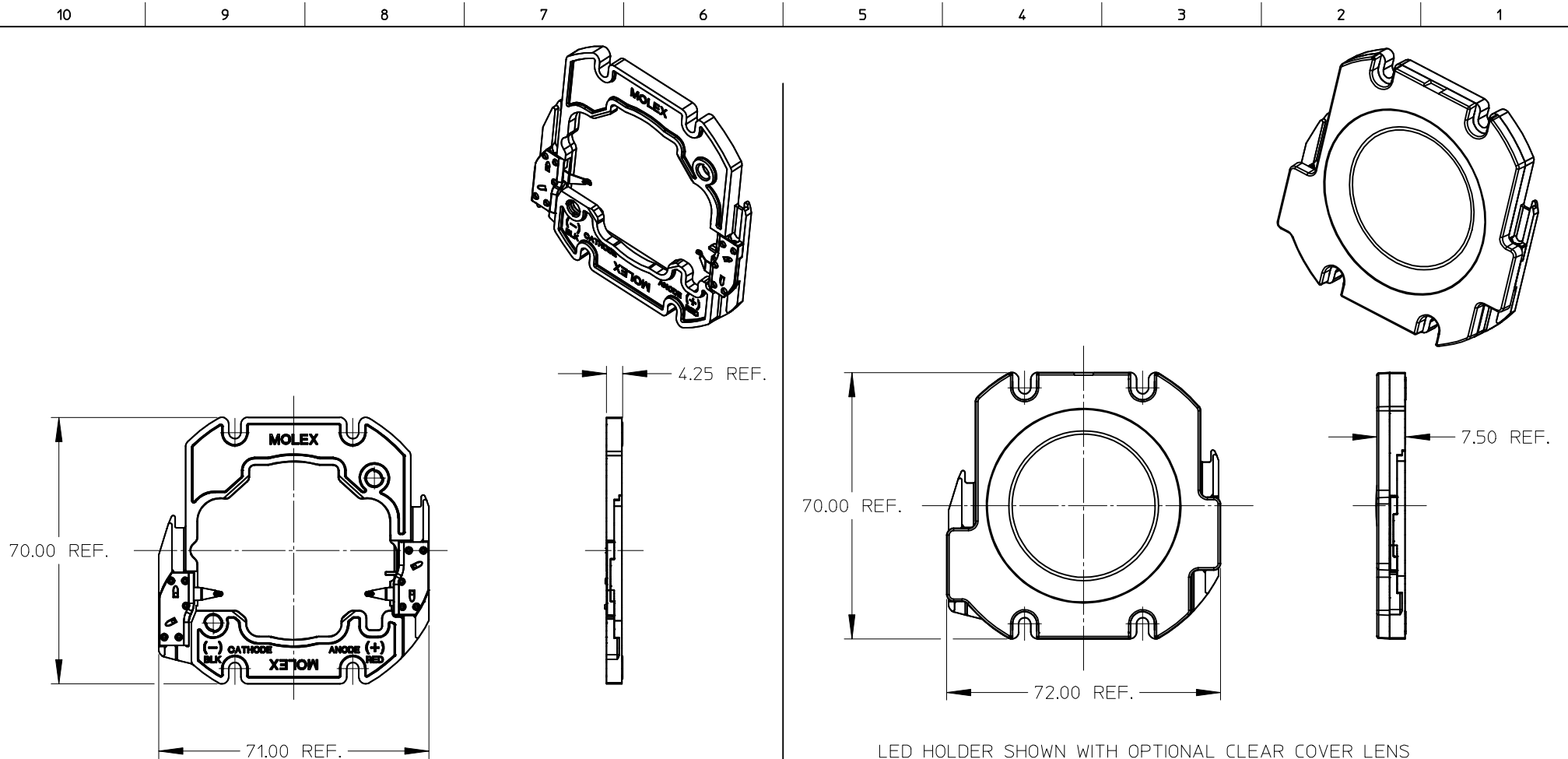
DETAIL 2 SCALE 6:1

1.13
0.38

45° CHAMFER REF.

DETAIL 3 SCALE 6:1

ENTER DESCRIPTION EC NO: SSL2016-0054 CHKD: ZABJANOVSKI 2016/03/29 APPR: GMEYER 2016/04/11	DESCRIPTION	QUALITY SYMBOLS FA=0 FB=0 FC=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 CCARRANZA	DATE 2012/11/06					
			3 PLACES	± ---	± ---	APPROVED BY DATE DMCGOWAN 2010/12/23						
			2 PLACES	± 0.13	± ---							
			1 PLACE	± 0.25	± ---	MOLEX MOLEX INCORPORATED						
			ANGULAR ±1/2°									
			DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS			MATERIAL NO.		DOCUMENT NO.		SHEET NO.		
						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				



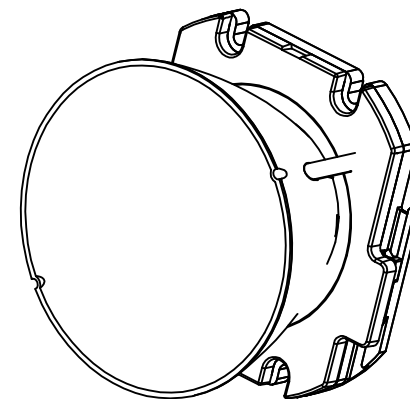
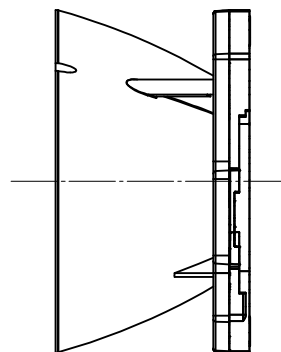
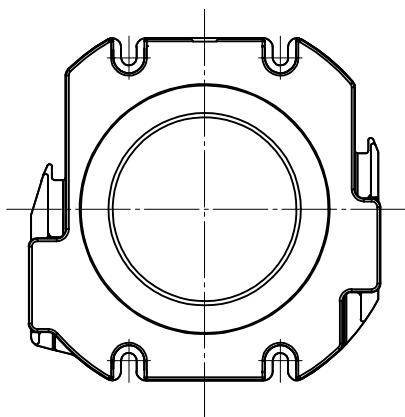
LED HOLDER PART NUMBER 180180-0000

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

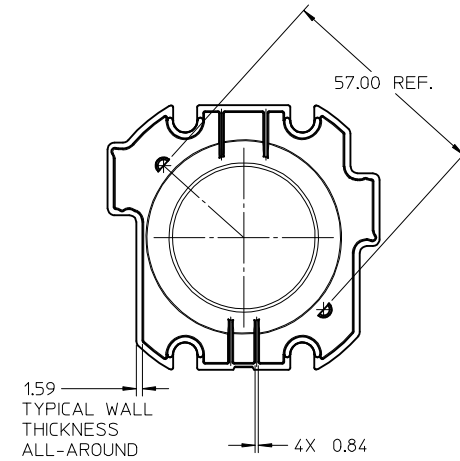
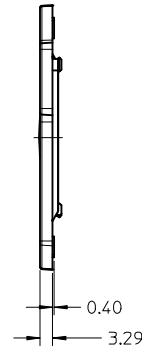
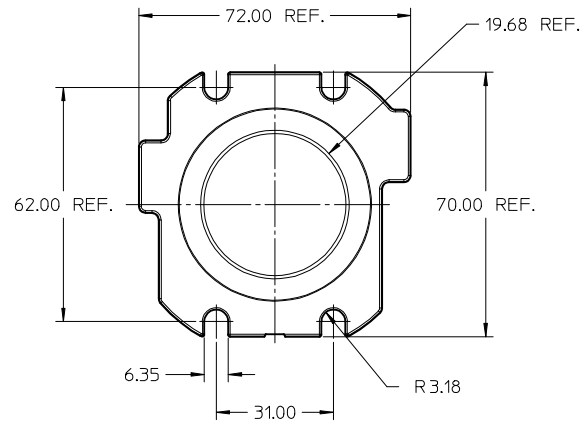
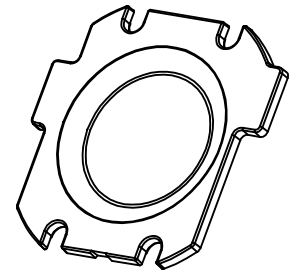
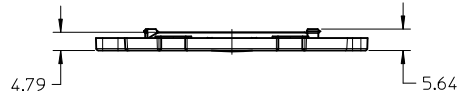
ENTER DESCRIPTION EC NO: SSL2016-0054 DRAWN: ZABJANOVSKI 2016/03/29 CHKD: APPR: GMEYER 2016/04/11		DESCRIPTION	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE		SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION	
						MM ONLY		1:1	METRIC		
C2		REV	F=0 F=0 F=0		mm	INCH	DRAWN BY	DATE	TITLE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

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	DATE			
			3 PLACES ± ---	± ---	CCARRANZA	2012/11/06	MOLEX INCORPORATED		
			2 PLACES ± 0.13	± ---	APPROVED BY	DATE			
			1 PLACE ± 0.25	± ---	DMCGOWAN	2010/12/23	DOCUMENT NO. SD-180180-000		
			ANGULAR ±1/2°		MATERIAL NO.	SHEET NO. 4 OF 4			
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS			SEE CHART		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION				
			SIZE B						



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

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

Molex:

[180182-0000](#) [180180-0001](#)