

NOTES:

1) MATERIAL:

HOUSING: NYLON(PA), GLASS FILLED, UL94V-0, COLOR: SEE SHEETS 5 AND 6

INSULATOR: NYLON(PA), GLASS FILLED, UL94V-0, COLOR: SEE SHEETS 5 AND 6

TERMINALS: PHOSPHOR BRONZE, 0.30 mm THICK

SHIELD: BRASS, 0.18 mm THICK

2) FINISH:

TERMINALS:

A = SELECT GOLD IN CONTACT AREA: 1.27 MICROMETERS MIN.,

*SELECT TIN IN PC TAIL AREA: 2.54 MICROMETERS MIN.,

WITH OVERALL NICKEL UNDERPLATE: 1.27 MICROMETERS MIN.

B = SELECT GOLD IN CONTACT AREA: 0.76 MICROMETERS MIN.,

*SELECT TIN IN PC TAIL AREA: 2.54 MICROMETERS MIN.,

WITH OVERALL NICKEL UNDERPLATE: 1.27 MICROMETERS MIN.

*THE PRIMARY SHIPPING CARTON WILL BE LABELED "COMPLIANT TO RoHS DIRECTIVE 2002/95/EC AND ELV ANNEX II OF DIRECTIVE 2000/53/EC".

CARTONS WITHOUT THIS LABEL MAY CONTAIN PRODUCT WITH TIN-LEAD
IN THE PC TAILS AND/OR SHIELD.

SHIELD:

2.54 MICROMETERS NICKEL OVER 1.27 MICROMETERS COPPER

UNDERPLATE PCB GROUND TABS DIPPED IN TIN

3) PRODUCT SPECIFICATION AND PROCESSING PARAMETERS: PS-43202.

4) PACKAGING SPECIFICATION:

UNSHIELDED CONNECTOR ASSEMBLIES PACKAGED IN THERMOFORMED TRAYS

PER MOLEX PACKAGING SPECIFICATION PK-43202-003.

UNSHIELDED CONNECTOR ASSEMBLIES PACKAGED IN TUBES

PER MOLEX PACKAGING SPECIFICATION PK-43202-005.

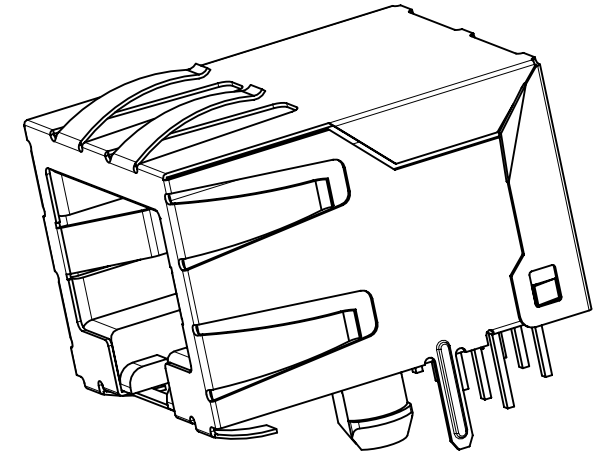
SHIELDED CONNECTOR ASSEMBLIES PACKAGED IN THERMOFORMED TRAYS

PER MOLEX PACKAGING SPECIFICATION PK-43202-004.

5) SEE SHEETS 7 - 9 FOR P.C. BOARD LAYOUTS.

6) CONFORMS TO FCC REGULATION PART 68.5 FOR MODULAR JACKS.

7) THIS PART CONFROMS TO CLASS B REQUIREMENTS OF COSMETIC SPECIFICATION PS-45499-002.



SHIELDED MODULAR JACK
SHOWN WITH PANEL GROUND
OPTION "D" AND FRONT
PCB GROUND TABS

DRAWING LEGEND

SHEET 1- NOTES, DRAWING LEGEND

SHEET 2- SHIELDED MODULAR JACK W/ BOTTOM GROUND TABS

SHEET 3- SHIELDED MODULAR JACK W/O BOTTOM GROUND TABS

SHEET 4- UNSHIELDED MODULAR JACK

SHEET 5- PART NUMBER CHARTS

SHEET 6- PART NUMBER CHARTS

SHEET 7- FOOTPRINT LAYOUT 4 POSITION HOUSING

SHEET 8- FOOTPRINT LAYOUT 6 POSITION HOUSING

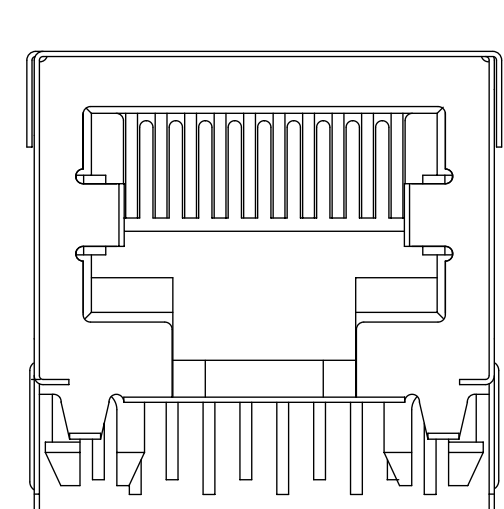
SHEET 9- FOOTPRINT LAYOUT 8 POSITION HOUSING

FUNCTIONAL SYMBOLS	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION																	
	DIMENSION UNITS		SCALE		CURRENT REV DESC: MIGRATION TO NX			molex										
F A = 0	mm		3:1															
F E = 0	GENERAL TOLERANCES (UNLESS SPECIFIED)				ULTRA LOW PROFILE RIGHT ANGLE MODULAR JACK ASSEMBLY													
F E = 0	ANGULAR TOL ± 0.5 °																	
DIVISIONAL SYMBOLS	4 PLACES		±		EC NO: 704381 DRWN: FAYEW2022/04/18 CHK'D: KLANG2022/05/16 APPR: KLANG2022/05/16			PRODUCT CUSTOMER DRAWING										
	3 PLACES		±															
	2 PLACES		± 0.25		INITIAL REVISION: DRWN: RFC_PLMIMP2018/11/02 APPR: REDGLEY2000/10/17						DOCUMENT NUMBER SDA-43202		DOC TYPE PSD		DOC PART 001		REVISION L9	
	1 PLACE		± 0.36															
	0 PLACES		±															
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				THIRD ANGLE PROJECTION		DRAWING		SERIES		MATERIAL NUMBER		CUSTOMER		SHEET NUMBER				
						B-SIZE		43202				GENERAL MARKET		1 OF 9				

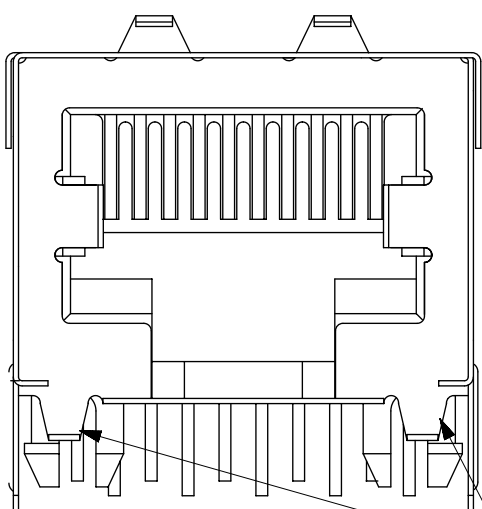
SHIELD MODULAR JACK W/BOTTOM GROUND TABS

SIZE 8 LOADED 10 VERSION SHOWN

SIDE/TOP GROUND TAB OPTIONS FOR SHIELDS



OPTION "A"
NO TOP OR SIDE TABS

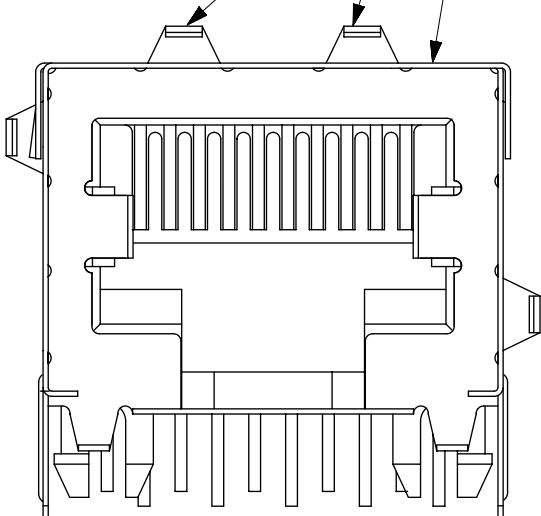


OPTION "B"
TOP TABS
BOTTOM
GROUND TABS

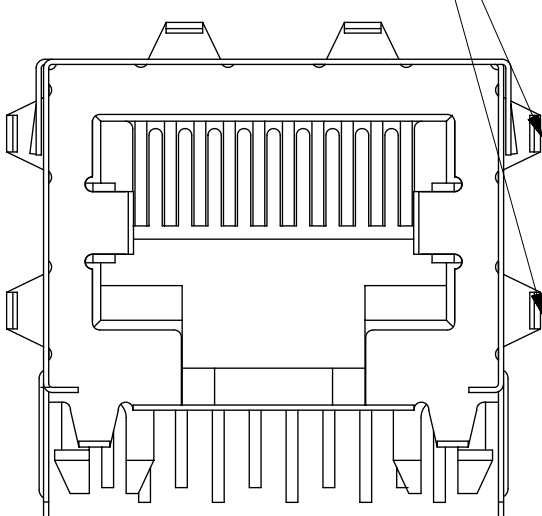
OPTIONAL TOP GROUND TABS

SHIELDED MODULAR JACK
ASSEMBLY SEE SHEET 5
FOR MATERIAL NO.

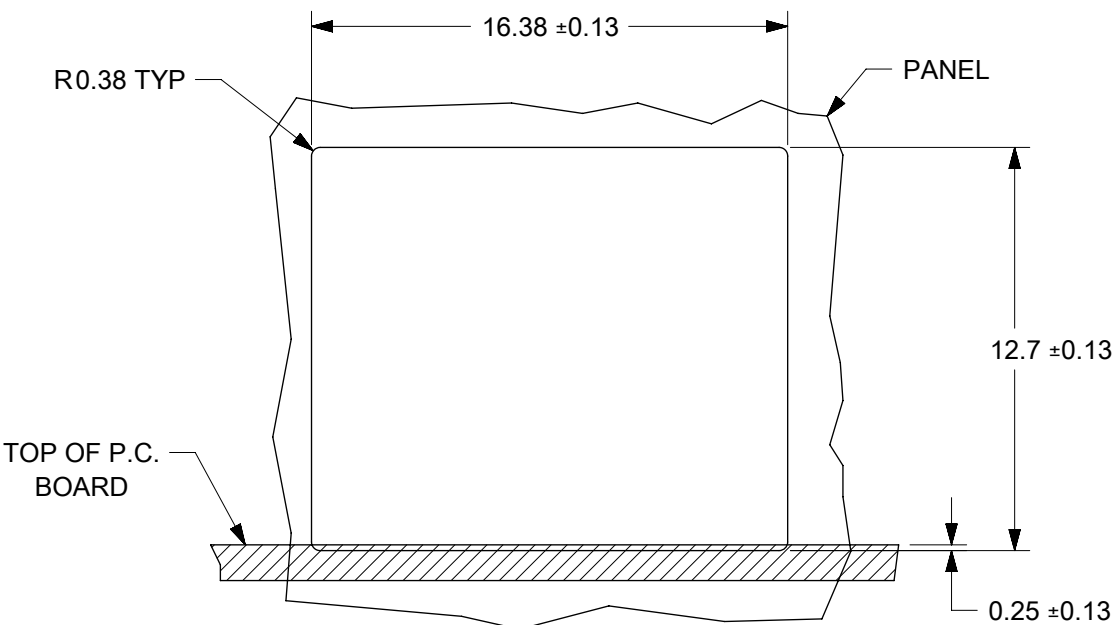
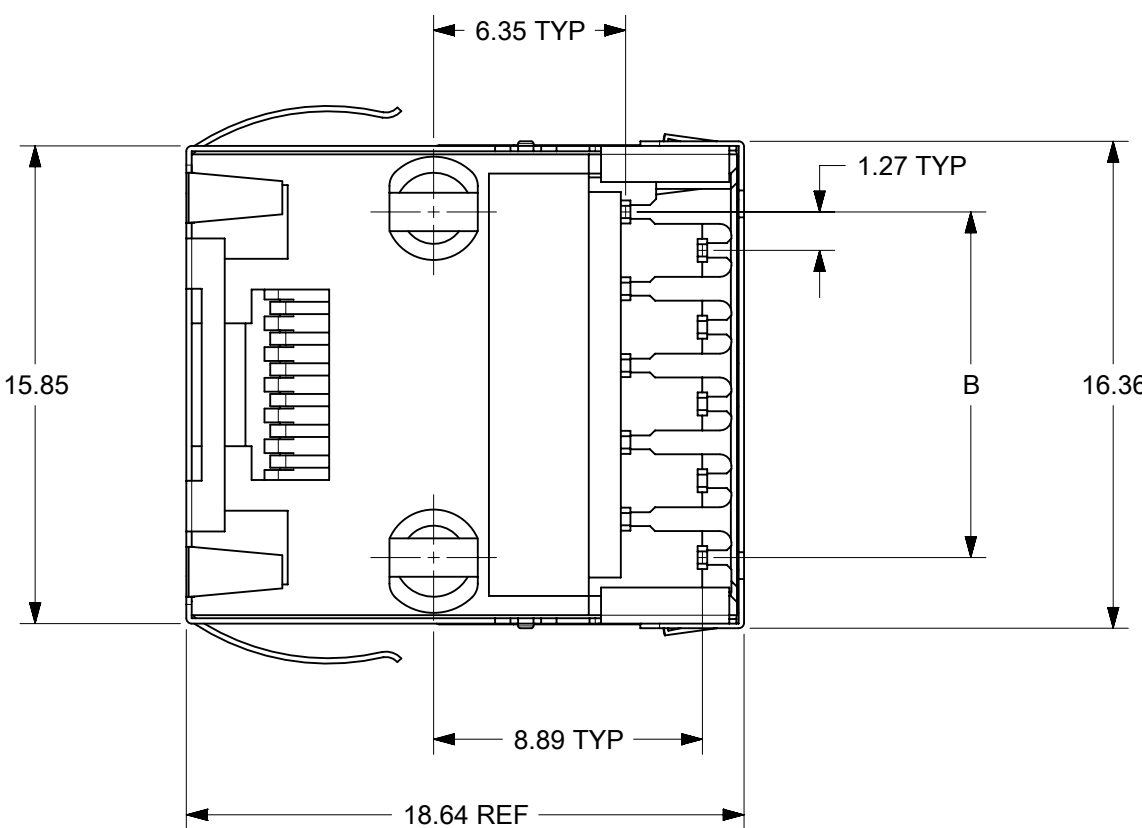
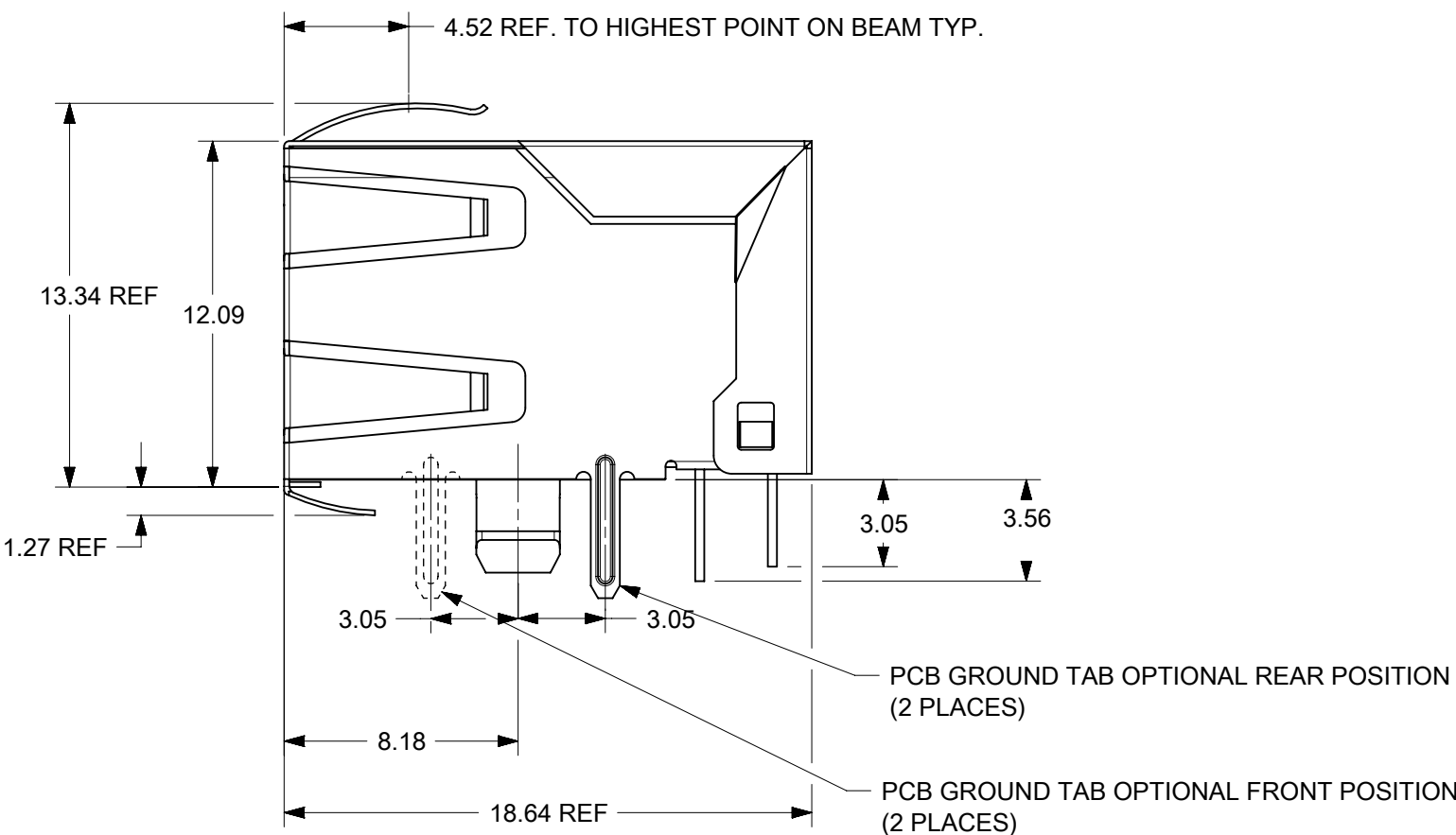
OPTIONAL SIDE
GROUND TABS
(2 PLACES)



OPTION "C"
TOP AND STAGGERED SIDE TABS



OPTION "D"
TOP AND SIDE TABS



PANEL CUT-OUT
(SHIELDED W/BOTTOM GROUND TABS)

HOUSING SIZE	CIRCUIT SIZE	B
8	10	11.43±0.13
8	8	8.89±0.13

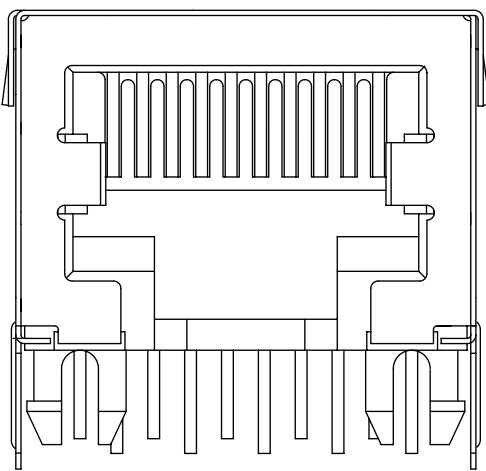
FUNCTIONAL SYMBOLS	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION												
	DIMENSION UNITS		SCALE		CURRENT REV DESC: MIGRATION TO NX			molex					
	mm		4:1										
F A = 0	GENERAL TOLERANCES (UNLESS SPECIFIED)				EC NO: 704381 DRWN: FAYEW 2022/04/18 CHK'D: KLANG 2022/05/16 APPR: KLANG 2022/05/16			ULTRA LOW PROFILE RIGHT ANGLE MODULAR JACK ASSEMBLY					
F C = 0	ANGULAR TOL ± 0.5 °												
F P = 0	4 PLACES		±		PRODUCT CUSTOMER DRAWING			DOCUMENT NUMBER SDA-43202		DOC TYPE PSD	DOC PART 001	REVISION L9	
DIVISIONAL SYMBOLS	3 PLACES		±										
	2 PLACES		± 0.25										
	1 PLACE		± 0.36										
	0 PLACES		±										
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				THIRD ANGLE PROJECTION		DRAWING	SERIES	MATERIAL NUMBER		CUSTOMER		SHEET NUMBER	
						C-SIZE	43202			GENERAL MARKET		2 OF 9	

DOCUMENT STATUS	P1	RELEASE DATE	2022/05/16 17:27:51
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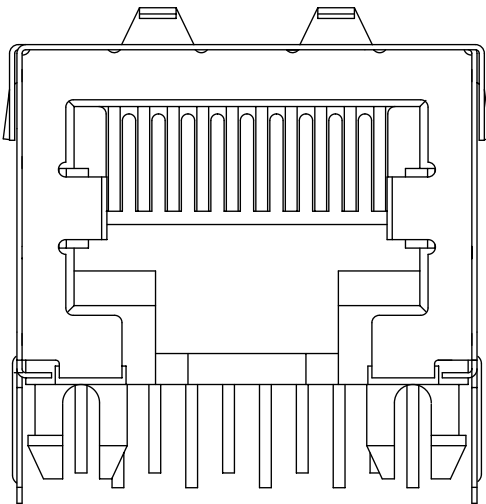
SHIELDED MODULAR JACK W/O BOTTOM GROUND TABS

SIZE 8, LOADED 10 VERSION SHOWN

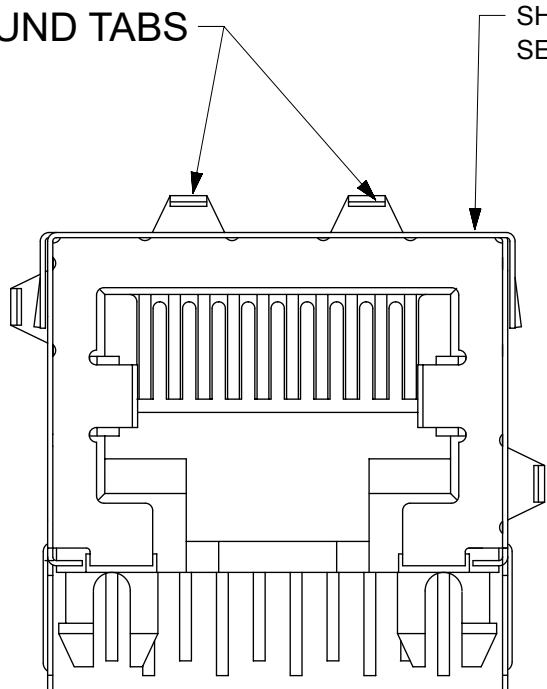
SIDE/TOP GROUND TAB OPTIONS FOR SHIELDS



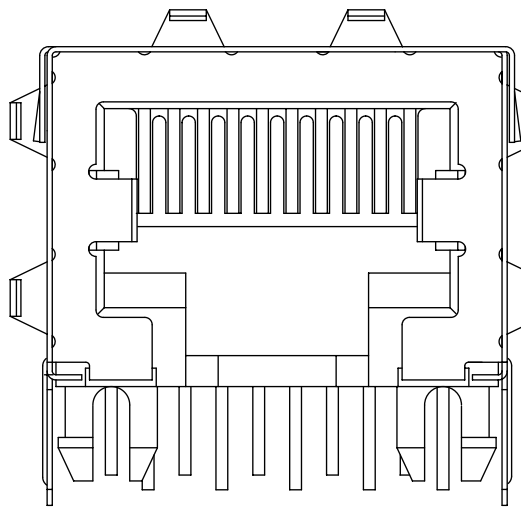
OPTION "E"
NO TOP OR SIDE TABS



OPTION "F"
TOP TABS



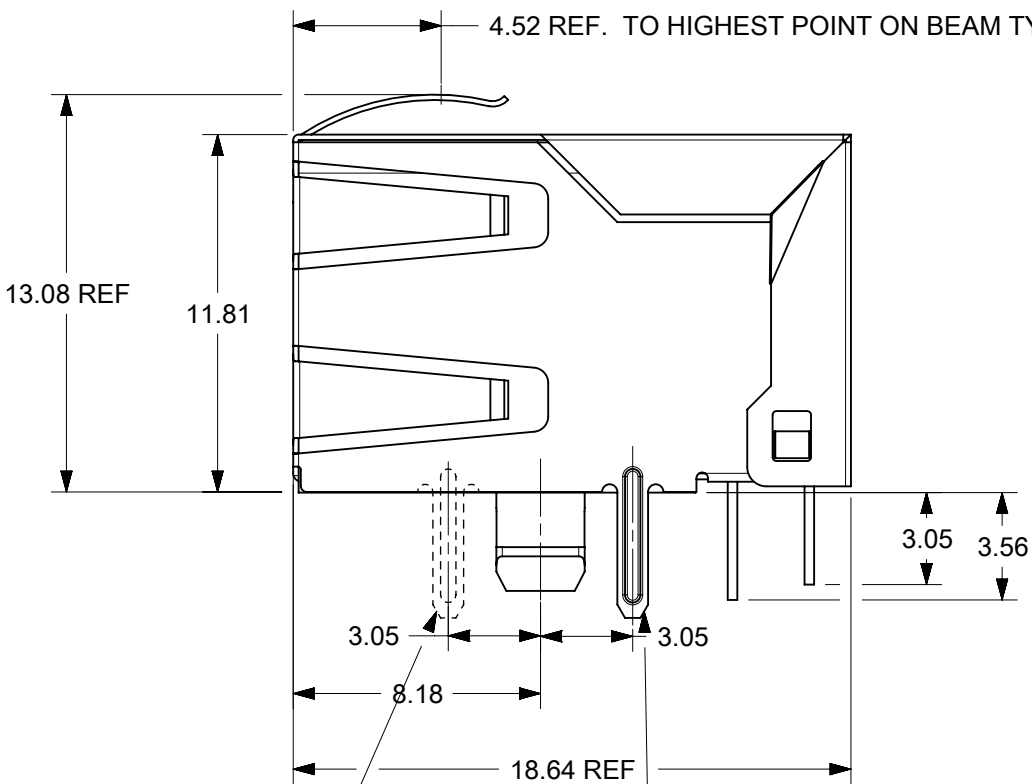
OPTION "G"
TOP AND STAGGERED SIDE TABS



OPTION "H"
TOP AND SIDE TABS

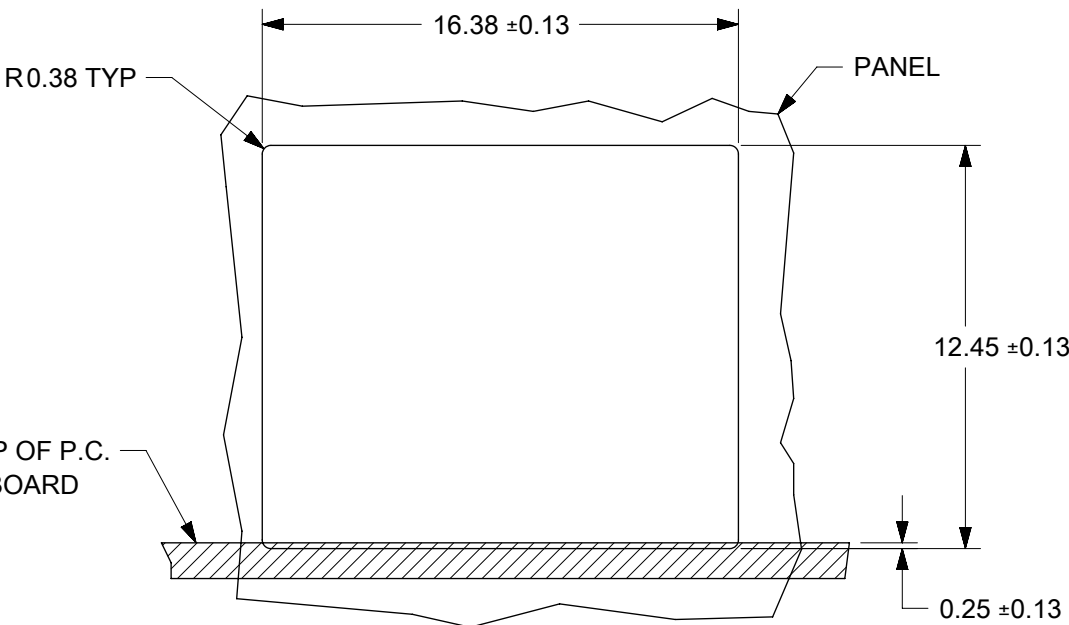
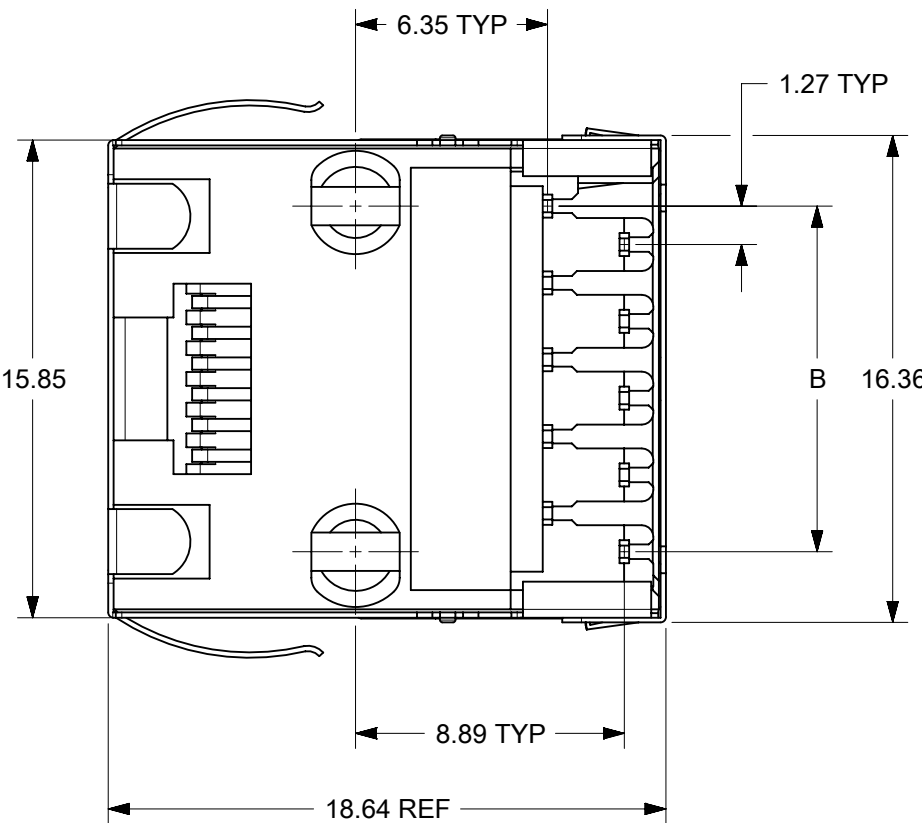
SHIELDED MODULAR JACK ASSEMBLY
SEE SHEET 6 FOR MATERIAL NO.

OPTIONAL SIDE
GROUND TABS
(2 PLACES)



PCB GROUND TAB OPTIONAL FRONT POSITION
(2 PLACES)

PCB GROUND TAB OPTIONAL REAR POSITION
(2 PLACES)

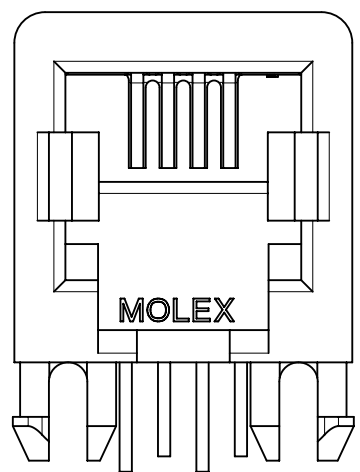


PANEL CUT-OUT
(SHIELDED W/O BOTTOM GROUND TABS)

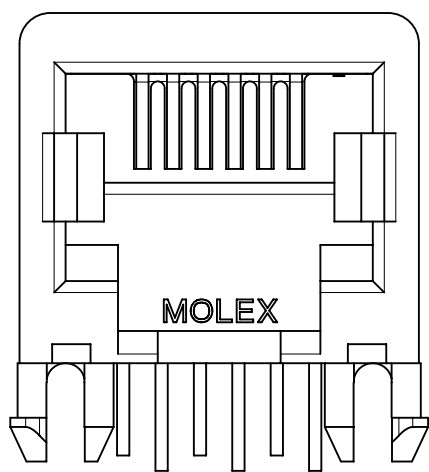
HOUSING SIZE	CIRCUIT SIZE	DIM. B
8	10	11.43±0.13
8	8	8.89±0.13

FUNCTIONAL SYMBOLS	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION		CURRENT REV DESC: MIGRATION TO NX			
	DIMENSION UNITS	SCALE				
$\frac{F}{A} = 0$	mm	4:1				
$\frac{F}{C} = 0$	GENERAL TOLERANCES (UNLESS SPECIFIED)					
$\frac{F}{P} = 0$	ANGULAR TOL	± 0.5°				
DIVISIONAL SYMBOLS	4 PLACES	±	EC NO: 704381	2022/04/18		
	3 PLACES	±	DRWN: FAYEW	2022/05/16		
	2 PLACES	± 0.25	CHK'D: KLANG	2022/05/16		
	1 PLACE	± 0.36	APPR: KLANG	2022/05/16		
	0 PLACES	±	INITIAL REVISION:			
			DRWN: RFC_PLMIMP	2018/11/02		
			APPR: REDGLEY	2000/10/17		
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS			THIRD ANGLE PROJECTION	DRAWING	SERIES	DOCUMENT NUMBER
				C-SIZE	43202	SDA-43202
					MATERIAL NUMBER	CUSTOMER
					GENERAL MARKET	SHEET NUMBER
						3 OF 9

DOCUMENT STATUS	P1	RELEASE DATE	2022/05/16	17:27:51
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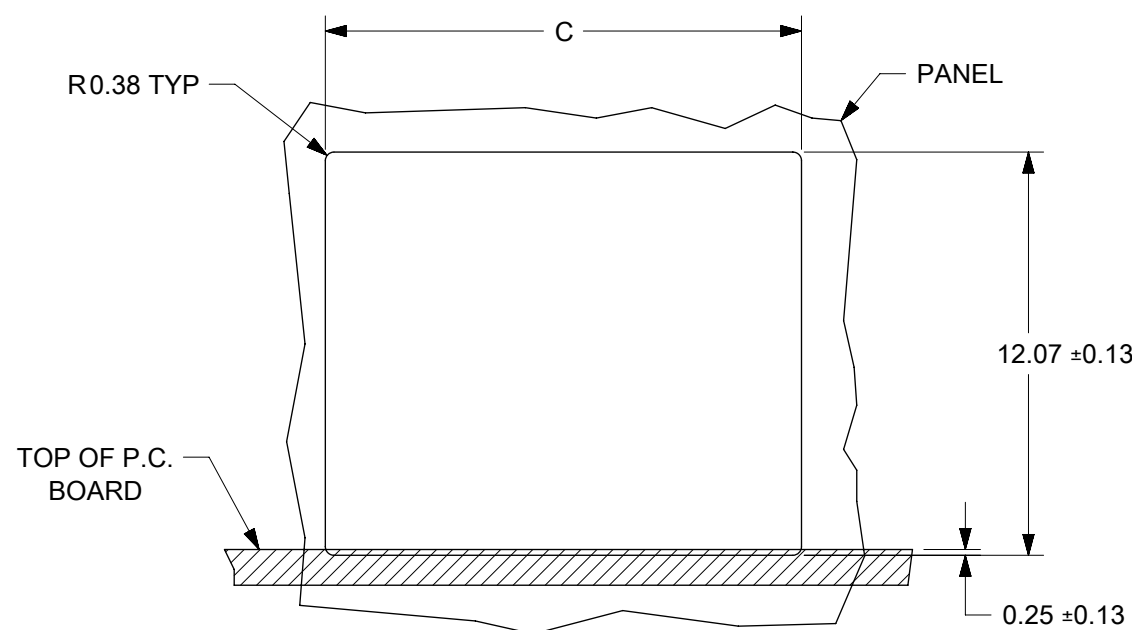
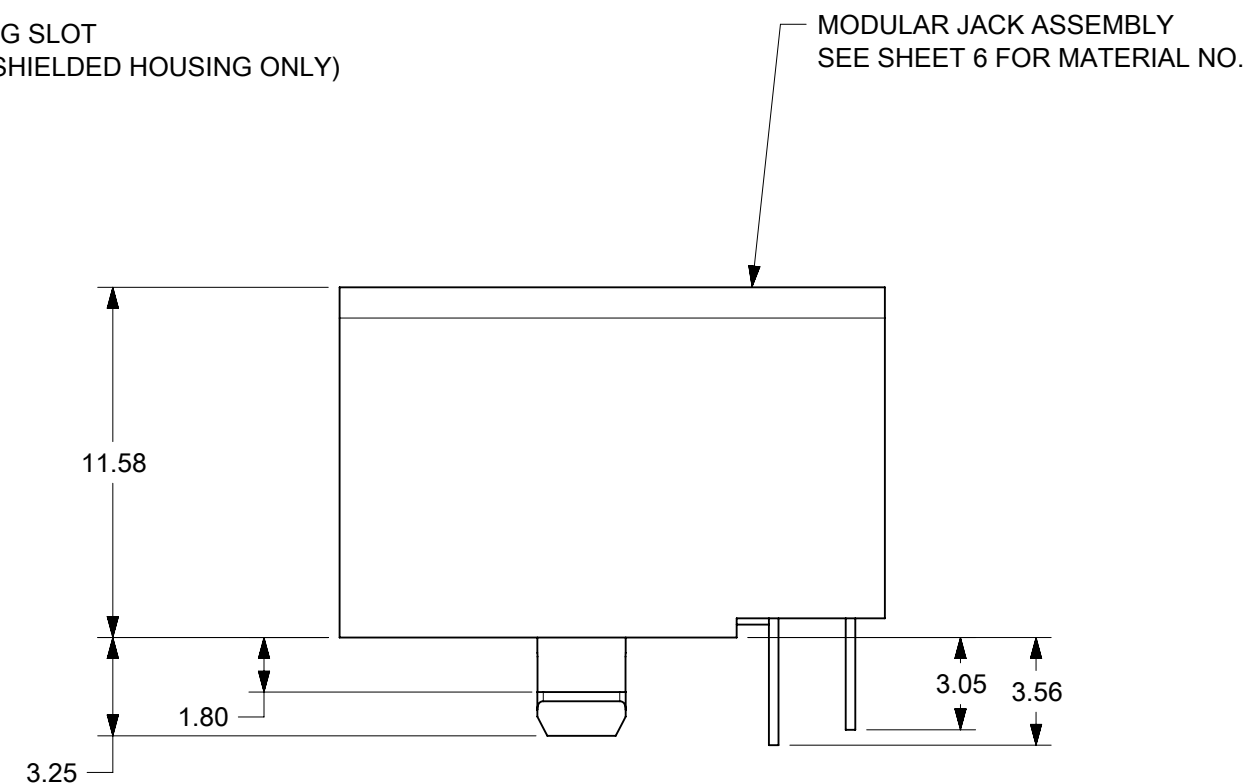
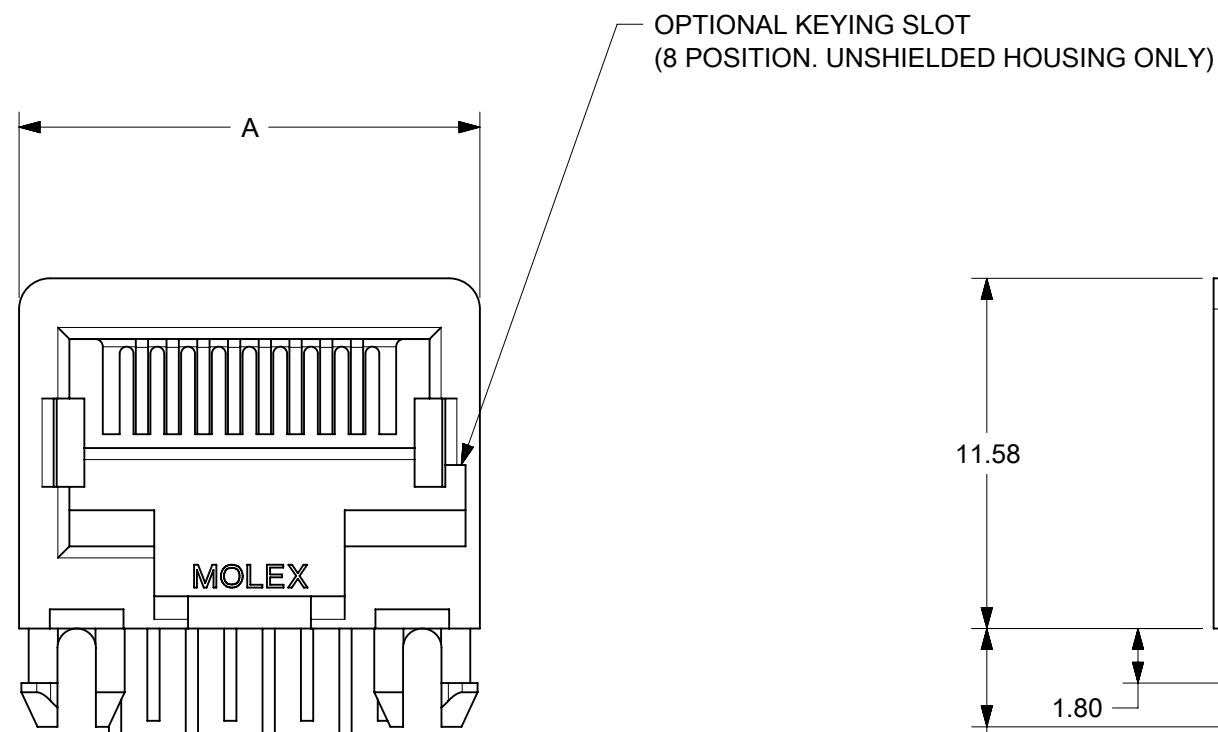
SIZE 4
LOADED 4 SHOWN



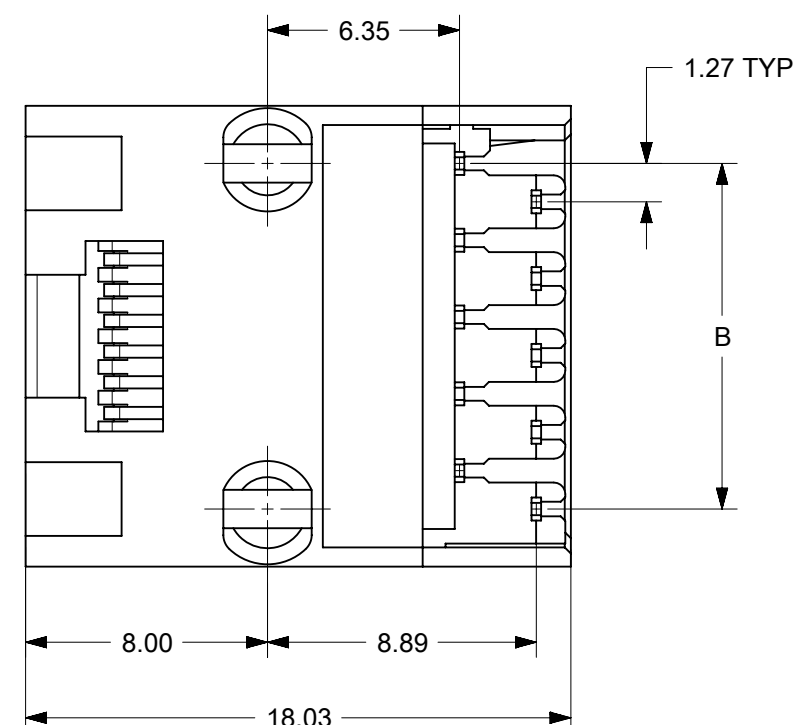
SIZE 6
LOADED 6 SHOWN

UNSHIELDED MODULAR JACKS

SIZE 8, LOADED 10 SHOWN



PANEL CUT-OUT (UNSHIELDED)



HOUSING SIZE	LOADED CIRCUIT	A	B	C
4	4	11.18	3.81±0.13	11.68±0.13
4	2	11.18	1.27±0.13	11.68±0.13
6	6	13.21	6.35±0.13	13.72±0.13
6	4	13.21	3.81±0.13	13.72±0.13
6	2	13.21	1.27±0.13	13.72±0.13
8	10	15.24	11.43±0.13	15.75±0.13
8	8	15.24	8.89±0.13	15.75±0.13
8	6	15.24	6.35±0.13	15.75±0.13
8	4	15.24	3.81±0.13	15.75±0.13
8	2	15.24	1.27±0.13	15.75±0.13

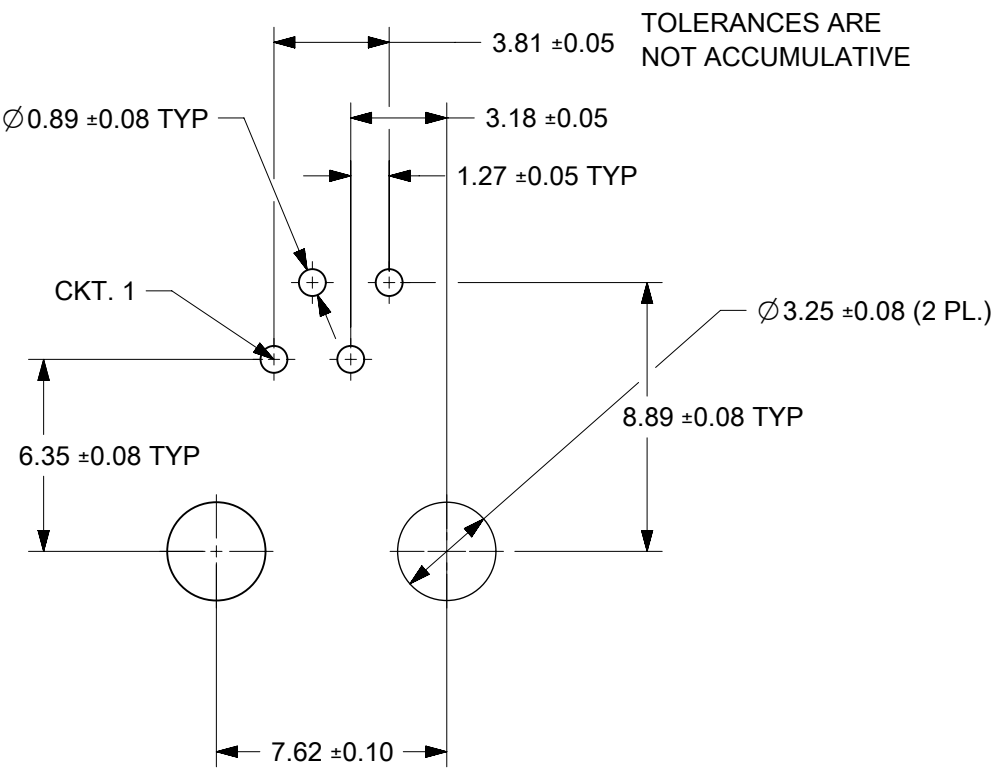
DOCUMENT STATUS	P1	RELEASE DATE	2022/05/16	17:27:51
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FUNCTIONAL SYMBOLS	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION														
	DIMENSION UNITS		SCALE		CURRENT REV DESC: MIGRATION TO NX EC NO: 704381 DRWN: FAYEW 2022/04/18 CHK'D: KLANG 2022/05/16 APPR: KLANG 2022/05/16 INITIAL REVISION: DRWN: RFC_PLMIMP 2018/11/02 APPR: REDGLEY 2000/10/17			molex ULTRA LOW PROFILE RIGHT ANGLE MODULAR JACK ASSEMBLY							
GENERAL TOLERANCES (UNLESS SPECIFIED)															
ANGULAR TOL ± 0.5 °															
DIVISIONAL SYMBOLS	4 PLACES ±		PRODUCT CUSTOMER DRAWING												
	3 PLACES ±														
	2 PLACES ± 0.25														
	1 PLACE ± 0.36														
	0 PLACES ±														
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		THIRD ANGLE PROJECTION		DRAWING		SERIES		DOCUMENT NUMBER		DOC TYPE		DOC PART		REVISION	
				C-SIZE		43202		SDA-43202		PSD		001		L9	
								MATERIAL NUMBER		CUSTOMER				SHEET NUMBER	
										GENERAL MARKET				4 OF 9	

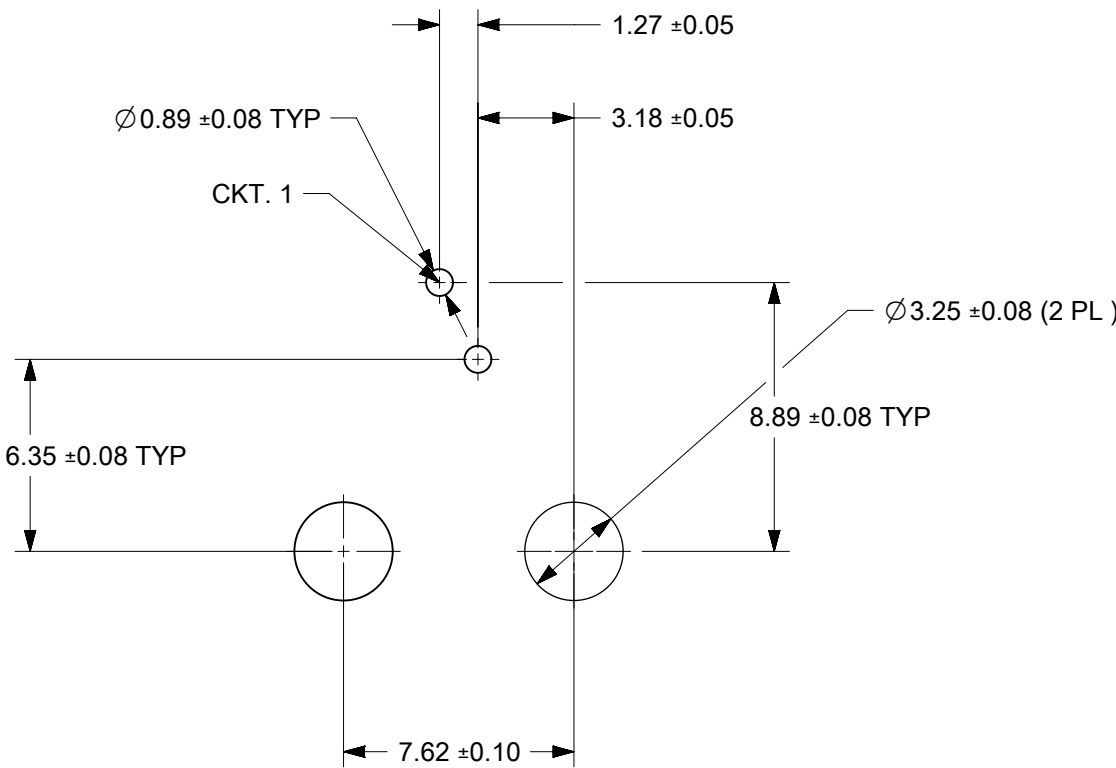
SHIELDED MODULAR JACKS W/BOTTOM GROUND TABS (SHEET 2)								
NOT TOOLED "X"	ASSEMBLY MATERIAL NUMBER.	CONNECTOR SIZE	NOMBER OF CIRCUITS	SIDE/TOP PANEL GROUND TAB OPTION	PCB GROUND TAB POSITION	TERMINAL PLATING OPTION	PACKAGING OPTION	HOUSING COLOR
X	43202-8900	8	10	A	FRONT POSITION	A	TRAY	BLACK
X	43202-8901	8	10	B	FRONT POSITION	A	TRAY	
X	43202-8902	8	10	C	FRONT POSITION	A	TRAY	
X	43202-8903	8	10	D	FRONT POSITION	A	TRAY	
X	43202-8908	8	10	A	REAR POSITION	A	TRAY	
X	43202-8909	8	10	B	REAR POSITION	A	TRAY	
X	43202-8910	8	10	C	REAR POSITION	A	TRAY	
	43202-8911	8	10	D	REAR POSITION	A	TRAY	
	43202-8916	8	8	A	FRONT POSITION	A	TRAY	
	43202-8917	8	8	B	FRONT POSITION	A	TRAY	
X	43202-8918	8	8	C	FRONT POSITION	A	TRAY	
	43202-8919	8	8	D	FRONT POSITION	A	TRAY	
	43202-8924	8	8	A	REAR POSITION	A	TRAY	
X	43202-8925	8	8	B	REAR POSITION	A	TRAY	
X	43202-8926	8	8	C	REAR POSITION	A	TRAY	
	43202-8927	8	8	D	REAR POSITION	A	TRAY	

FUNCTIONAL SYMBOLS F A = 0 F C = 0 F P = 0

DIVISIONAL SYMBOLS



PC BOARD LAYOUT FOR 4 POSITION HOUSING
(4 CIRCUIT FOOT PRINT SHOWN)
(COMPONENT SIDE OF BOARD)

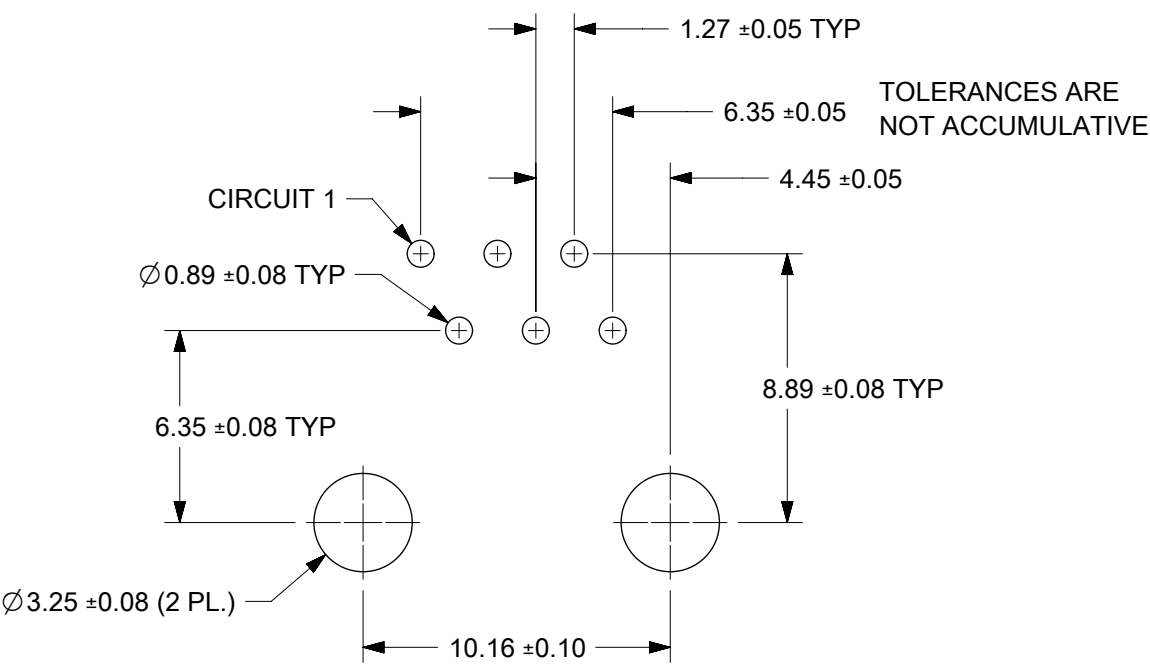


PC BOARD LAYOUT FOR 4 POSITION HOUSING
(2 CIRCUIT FOOT PRINT SHOWN)
(COMPONENT SIDE OF BOARD)

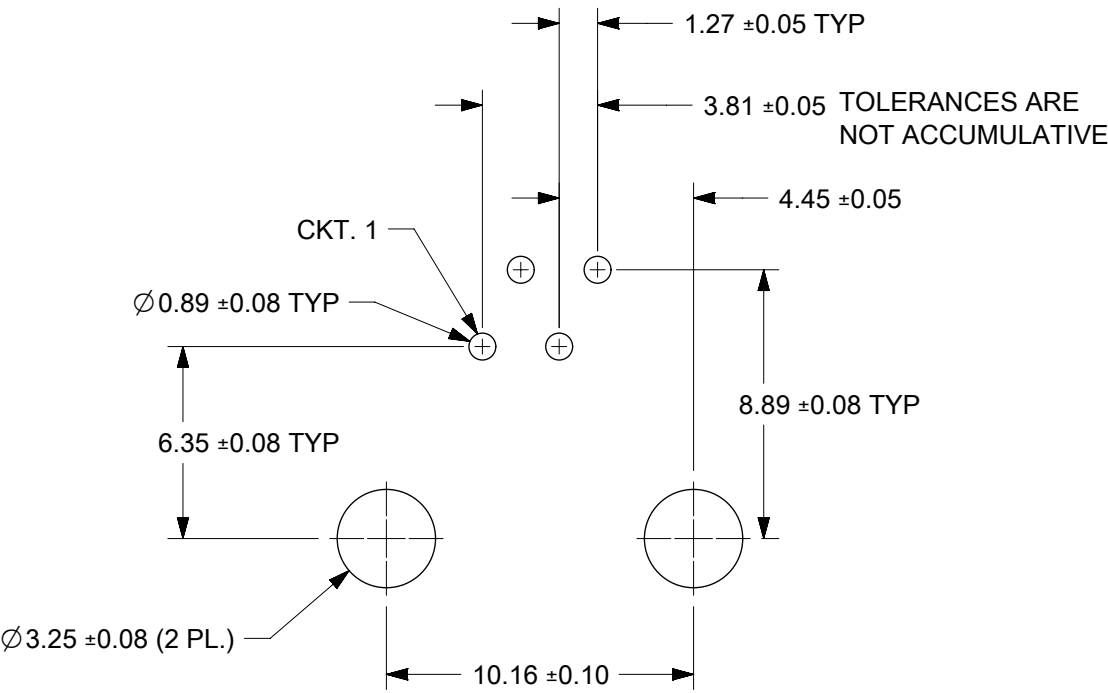
NOTES:
1. RECOMMENDED PCB THICKNESS: 1.57±0.13 mm.

FUNCTIONAL SYMBOLS	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION															
= 0	DIMENSION UNITS		SCALE		CURRENT REV DESC: MIGRATION TO NX				molex							
	mm		1:1													
	GENERAL TOLERANCES (UNLESS SPECIFIED)								EC NO: 704381 DRWN: FAYEW 2022/04/18 CHK'D: KLANG 2022/05/16 APPR: KLANG 2022/05/16				ULTRA LOW PROFILE RIGHT ANGLE MODULAR JACK ASSEMBLY			
ANGULAR TOL ± 0.5 °																
4 PLACES		±														
3 PLACES		±														
2 PLACES		± 0.25														
DIVISIONAL SYMBOLS	1 PLACE		± 0.36		INITIAL REVISION: DRWN: RFC_PLMIMP 2018/11/02 APPR: REDGLEY 2000/10/17				DOCUMENT NUMBER SDA-43202		DOC TYPE PSD	DOC PART 001	REVISION L9			
	0 PLACES		±													
	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				THIRD ANGLE PROJECTION		DRAWING C-SIZE		SERIES 43202		MATERIAL NUMBER		CUSTOMER GENERAL MARKET		SHEET NUMBER 7 OF 9	

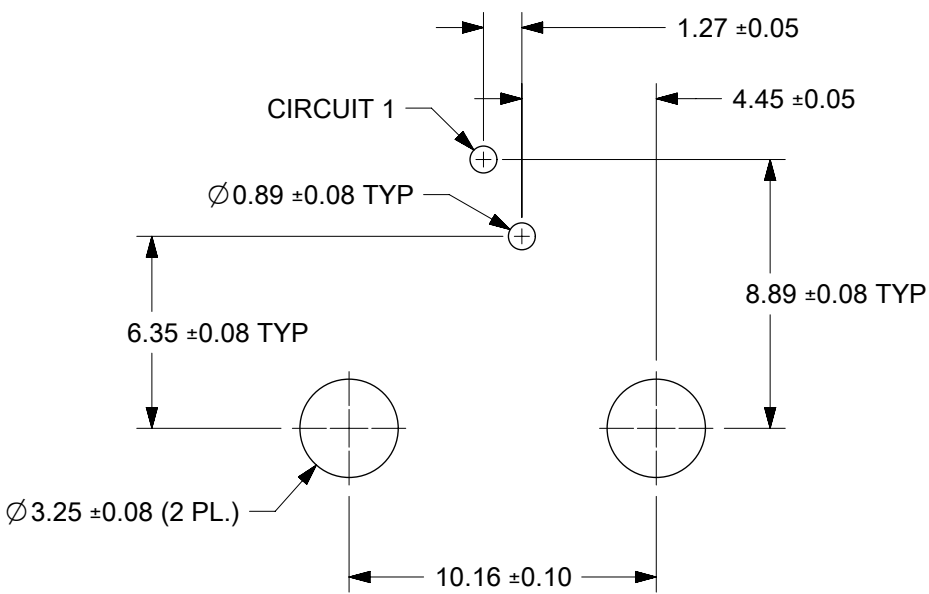
DOCUMENT STATUS	P1	RELEASE DATE	2022/05/16	17:27:51
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PC BOARD LAYOUT FOR 6 POSITION HOUSING
(6 CIRCUIT FOOT PRINT SHOWN)
(COMPONENT SIDE OF BOARD)



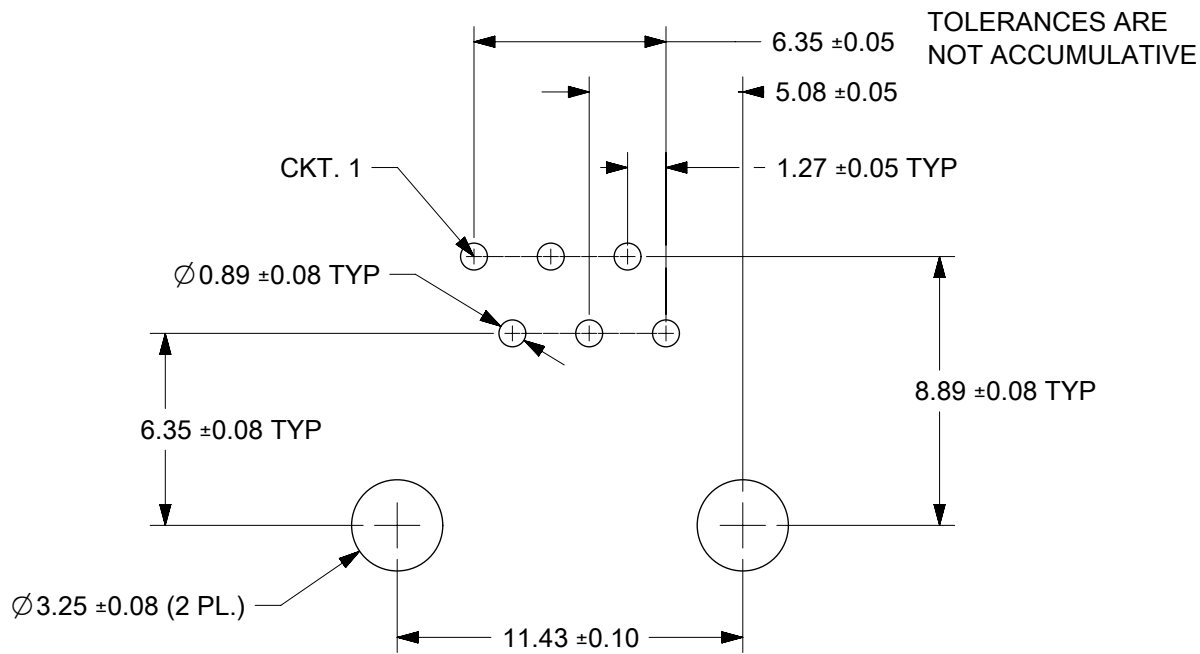
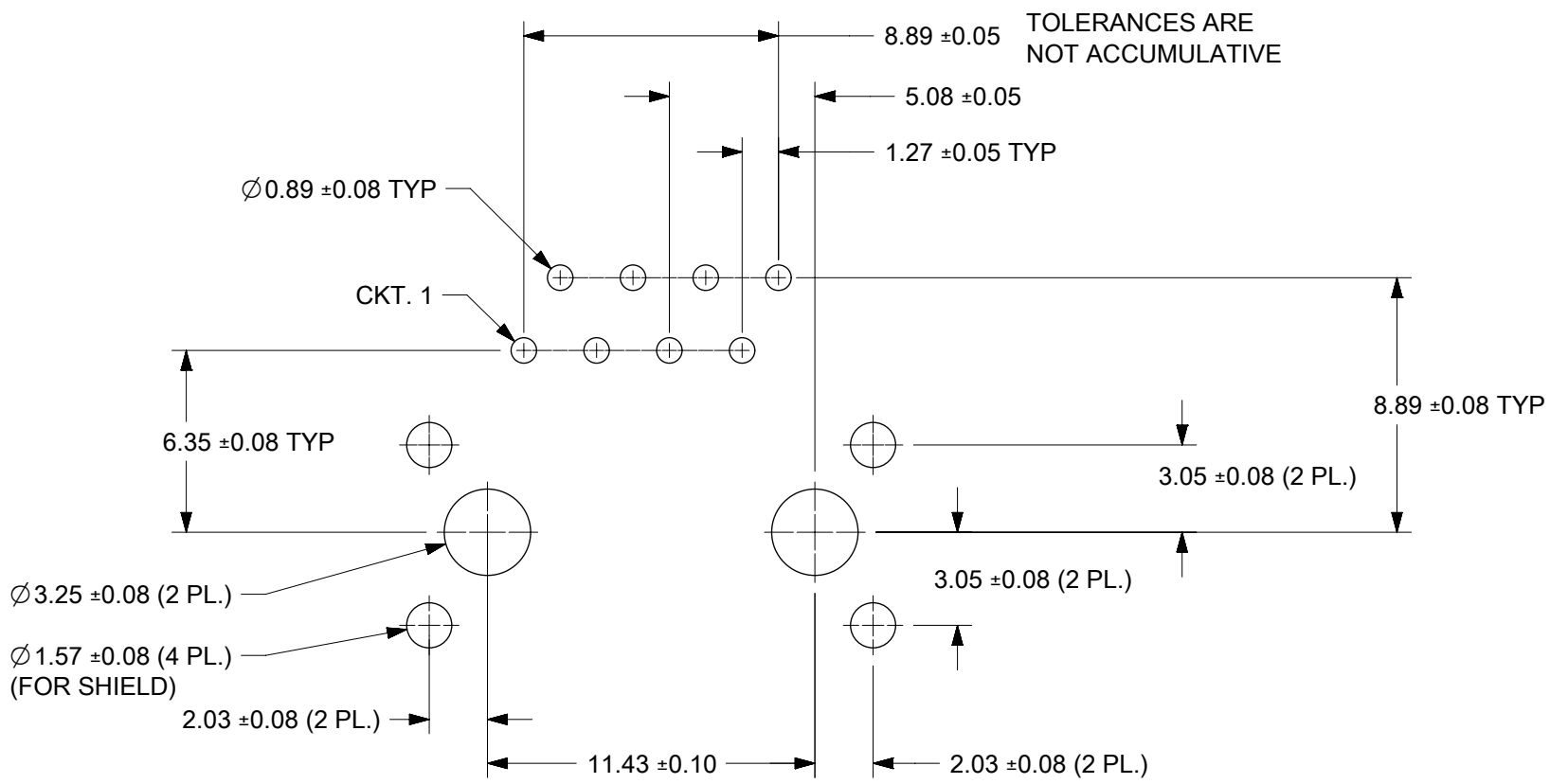
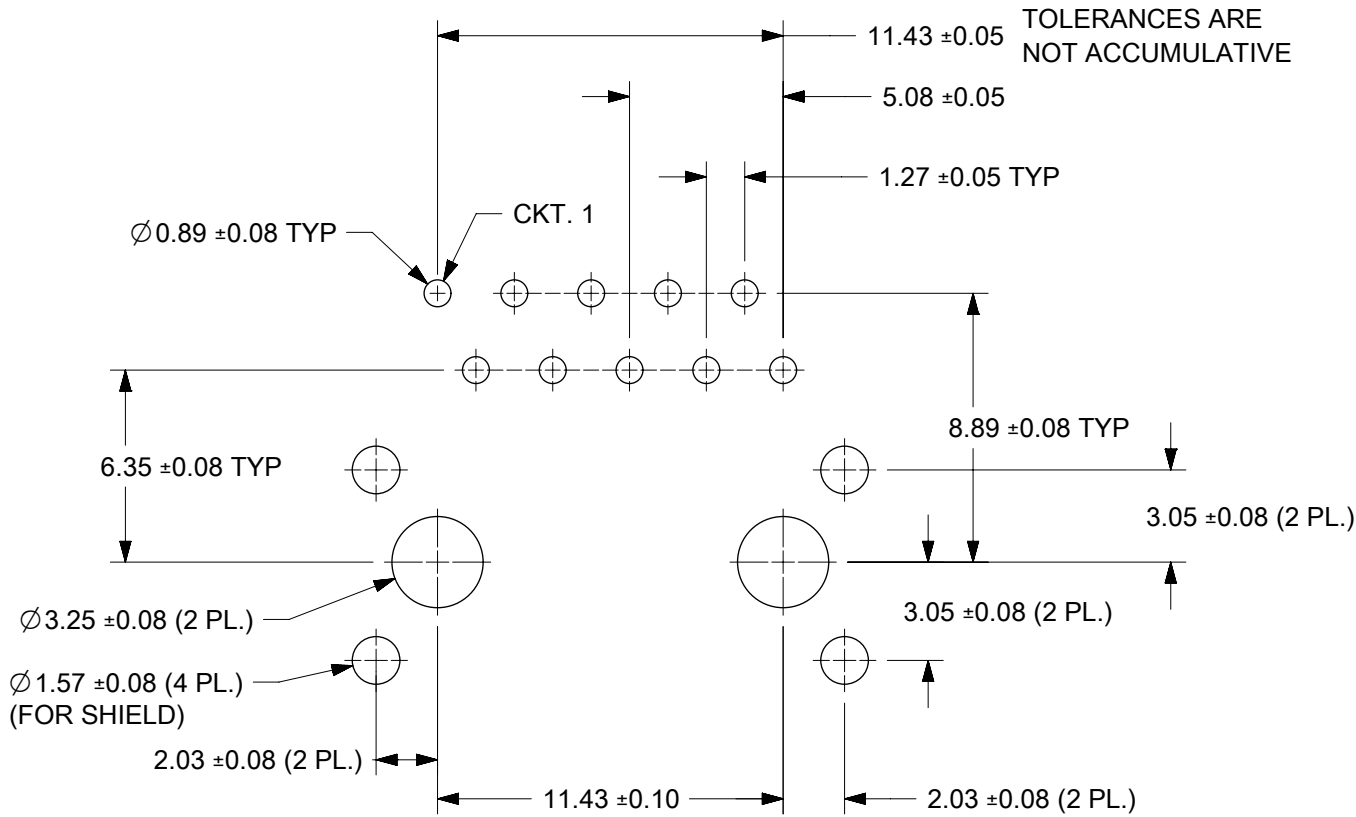
PC BOARD LAYOUT FOR 6 POSITION HOUSING
(4 CIRCUIT FOOT PRINT SHOWN)
(COMPONENT SIDE OF BOARD)



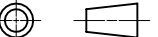
PC BOARD LAYOUT FOR 6 POSITION HOUSING
(2 CIRCUIT FOOT PRINT SHOWN)
(COMPONENT SIDE OF BOARD)

NOTES:
1. RECOMMENDED PCB THICKNESS: 1.57±0.13 mm.

FUNCTIONAL SYMBOLS DIVISIONAL SYMBOLS	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION											
	DIMENSION UNITS		SCALE		CURRENT REV DESC: MIGRATION TO NX			molex ULTRA LOW PROFILE RIGHT ANGLE MODULAR JACK ASSEMBLY				
	mm		1:1									
	GENERAL TOLERANCES (UNLESS SPECIFIED)											
	ANGULAR TOL ± 0.5 °											
	4 PLACES		±		EC NO: 704381 DRWN: FAYEW 2022/04/18			PRODUCT CUSTOMER DRAWING				
	3 PLACES		±		CHK'D: KLANG 2022/05/16							
	2 PLACES		± 0.25		APPR: KLANG 2022/05/16							
	1 PLACE		± 0.36		INITIAL REVISION: DRWN: RFC_PLMIMP 2018/11/02							
	0 PLACES		±		APPR: REDGLEY 2000/10/17			DOCUMENT NUMBER		DOC TYPE	DOC PART	REVISION
							SDA-43202		PSD	001	L9	
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		THIRD ANGLE PROJECTION		DRAWING		SERIES		MATERIAL NUMBER		CUSTOMER		SHEET NUMBER
				C-SIZE		43202				GENERAL MARKET		8 OF 9



NOTES:
1. RECOMMENDED PCB THICKNESS: 1.57±0.13 mm.

FUNCTIONAL SYMBOLS	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION																	
	DIMENSION UNITS		SCALE		CURRENT REV DESC: MIGRATION TO NX			molex										
	mm		1:1															
	GENERAL TOLERANCES (UNLESS SPECIFIED)							ULTRA LOW PROFILE RIGHT ANGLE MODULAR JACK ASSEMBLY										
	ANGULAR TOL ± 0.5°																	
	4 PLACES		±															
	3 PLACES		±		PRODUCT CUSTOMER DRAWING													
	2 PLACES		± 0.25															
	1 PLACE		± 0.36															
	0 PLACES		±															
DIVISIONAL SYMBOLS	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				THIRD ANGLE PROJECTION		DRAWING		SERIES		DOCUMENT NUMBER		DOC TYPE		DOC PART		REVISION	
			C-SIZE		43202		SDA-43202				PSD		001		L9			
							MATERIAL NUMBER				CUSTOMER		SHEET NUMBER					
								GENERAL MARKET				9 OF 9						