

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, .012/ 0.30 THICK
SHIELD: BRASS, .007/ 0.18 THICK

2) FINISH:

TERMINALS:

- A = SELECT GOLD IN CONTACT AREA: 50 MICROINCHES / 1.27 MICROMETERS MIN.,
*SELECT TIN IN PC TAIL AREA: 100 MICROINCHES / 2.54 MICROMETERS MIN.,
WITH OVERALL NICKEL UNDERPLATE: 50 MICROINCHES / 1.27 MICROMETERS MIN.
B = SELECT GOLD IN CONTACT AREA: 30 MICROINCHES / 0.76 MICROMETERS MIN.,
*SELECT TIN IN PC TAIL AREA: 100 MICROINCHES / 2.54 MICROMETERS MIN.,
WITH OVERALL NICKEL UNDERPLATE: 50 MICROINCHES / 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:

100 MICROINCHES / 2.54 MICROMETERS NICKEL OVER 50 MICROINCHES / 1.27
MICROMETERS COPPER UNDERPLATE PCB GROUND TABS DIPPED IN TIN

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

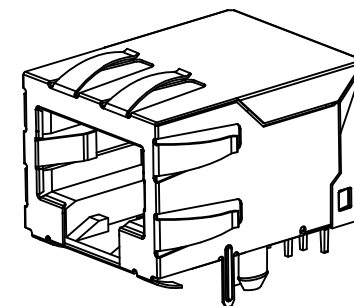
4) PACKAGING SPECIFICATION:

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

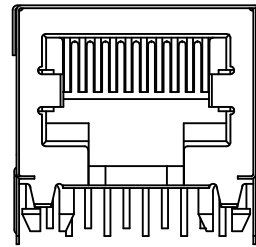
SHEET 1- NOTES, DRAWING LEGEND
SHEET 2- SHIELDED MODULAR JACK W/ BOTTOM GROUND TABS
SHEET 3- SHIELDED MODULAR JACK W/O BOTTOM GROUND TABS
SHEET 4- UNSHIELDED MODULAR JACK
SHEET 5- PART NUMBER CHARTS
SHEET 6- PART NUMBER CHARTS
SHEET 7- FOOTPRINT LAYOUT FOR 4 POSITION HOUSING
SHEET 8- FOOTPRINT LAYOUT FOR 6 POSITION HOUSING
SHEET 9- FOOTPRINT LAYOUT FOR 8 POSITION HOUSING

ADD VIEWS EC NO: UCP2012-2472 2012/02/03 DRAWN: NGUYEN CHKD: J.BELL 2012/02/03 APPR: F.S.MITH 2012/02/09	DESCRIPTION	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)			DIMENSION STYLE		SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION			
						IN/MM		4:1	INCH				
			▽=0 ▽=0 ▽=0	4 PLACES	± ---	± ---	DRAWN BY	DATE	TITLE ULTRA LOW PROFILE RIGHT ANGLE MODULAR JACK ASSEMBLY molex MOLEX INCORPORATED				
				3 PLACES	± ---	± .010	CHECKED BY	DATE					
				2 PLACES	± 0.25	± .014	JTR	1993/03/31					
				1 PLACE	± 0.36	± ---	APPROVED BY	DATE					
				ANGULAR ±1/2°			FSMITH	2012/02/09					
			L5	REV	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	MATERIAL NO.		DOCUMENT NO.		SHEET NO.			
						SEE SHTS 5&6		SDA-43202		1 OF 9			
						SIZE	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION						

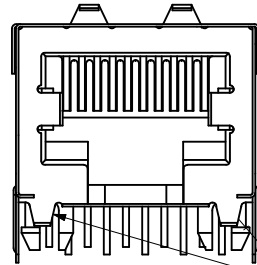
SHIELDED MODULAR JACK W/BOTTOM GROUND TABS

SIZE 8 LOADED 10 VERSION SHOWN

SIDE/TOP GROUND TAB OPTIONS FOR SHIELDS



OPTION "A"
NO TOP OR SIDE TABS

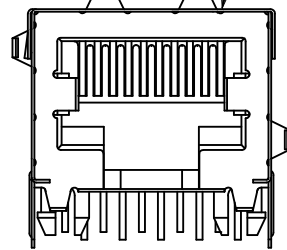


OPTION "B"
TOP TABS

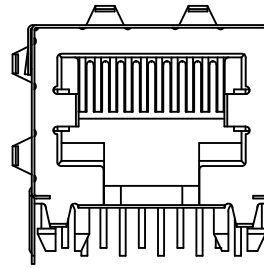
— BOTTOM
GROUND TABS

OPTIONAL TOP GROUND TABS

— SHIELDED MODULAR JACK ASSEMBLY
SEE SHEET 5 FOR MATERIAL NO.

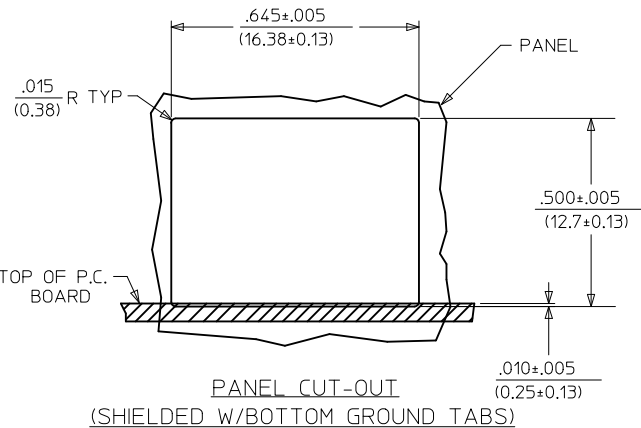


OPTION "C"
TOP AND STAGGERED SIDE TABS



OPTION "D"
TOP AND SIDE TABS

OPTIONAL SIDE
GROUND TABS
(2 PLACES)



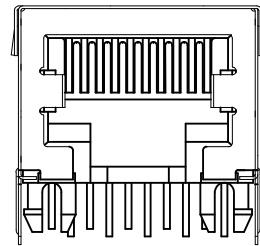
HOUSING SIZE	CIRCUIT SIZE	B
8	10	$\frac{.450 \pm .005}{.1143 \pm .13}$
8	8	$\frac{.350 \pm .005}{.889 \pm .13}$

SEE SHEET 1 EC NO: UCP2012-2472 DRWNINGUYEN CHKD:JBELL APPR:FSMITH	2012/02/03	2012/02/03	2012/02/09	DESCRIPTION	QUALITY SYMBOLS   	GENERAL TOLERANCES (UNLESS SPECIFIED)			DIMENSION STYLE IN/MM		SCALE 4:1	DESIGN UNITS INCH	 THIRD ANGLE PROJECTION
						DRAWN BY DATE JTR 1993/03/31		TITLE ULTRA LOW PROFILE RIGHT ANGLE MODULAR JACK ASSEMBLY					
						CHECKED BY DATE JTR 1993/03/31		MOLEX MOLEX INCORPORATED					
						APPROVED BY DATE FSMITH 2012/02/09							
						MATERIAL NO.		DOCUMENT NO.				SHEET NO. 2 OF 9	
						SEE SHEET 5		SDA-43202					
						SIZE		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION					

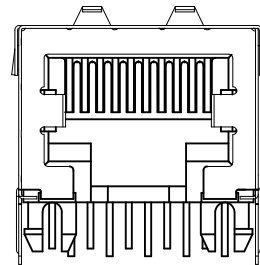
SHIELDED MODULAR JACK W/O BOTTOM GROUND TABS

SIZE 8, LOADED 10 VERSION SHOWN

SIDE/TOP GROUND TAB OPTIONS FOR SHIELDS



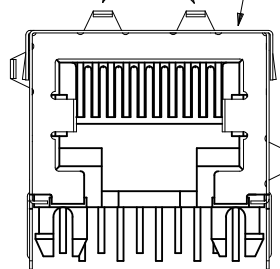
OPTION "E"
NO TOP OR SIDE TABS



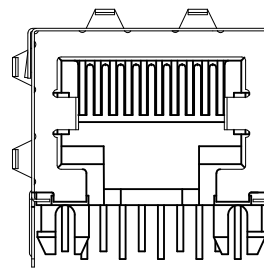
OPTION "F"
TOP TABS

OPTIONAL TOP GROUND TABS

SHIELDED MODULAR JACK ASSEMBLY
SEE SHEET 6 FOR MATERIAL NO.

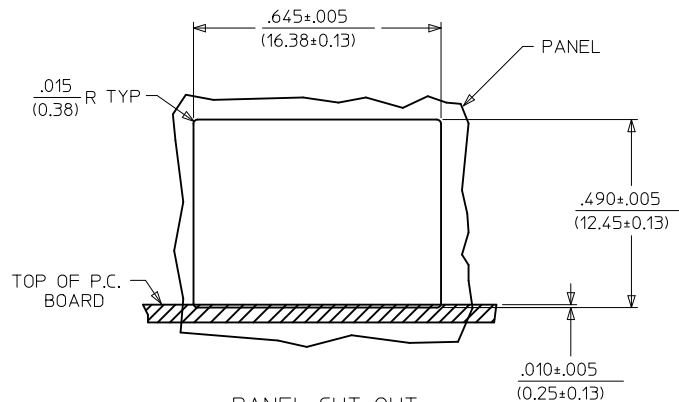


OPTION "G"
TOP AND STAGGERED SIDE TABS



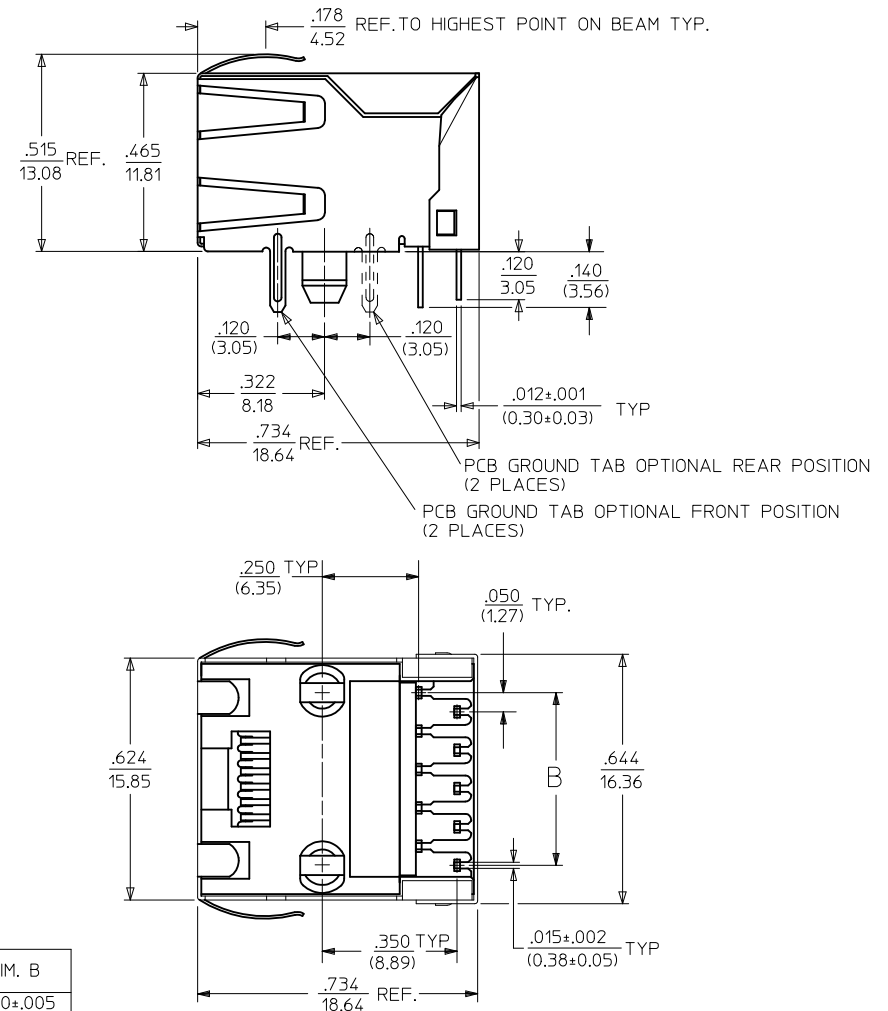
OPTION "H"
TOP AND SIDE TABS

OPTIONAL SIDE
GROUND TABS
(2 PLACES)

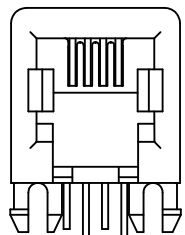


PANEL CUT-OUT
(SHIELDED W/O BOTTOM GROUND TABS)

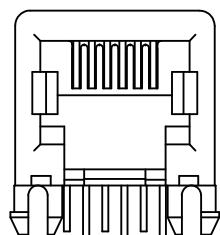
HOUSING SIZE	CIRCUIT SIZE	DIM. B
8	10	.450±.005 (11.43±0.13)
8	8	.350±.005 (8.89±0.13)



SEE SHEET 1 EC NO: UCP2012-2472 DRW: NGUYEN CHKD: JELL 2012/02/03 2012/02/03 2012/02/09 APP: FSMITH	DESCRIPTION	QUALITY SYMBOLS ▽=0 ▽=0 ▽=0	GENERAL TOLERANCES (UNLESS SPECIFIED)			DIMENSION STYLE IN/MM		SCALE 4:1	DESIGN UNITS INCH	THIRD ANGLE PROJECTION	
						DRAWN BY DATE JTR 1993/03/31		TITLE ULTRA LOW PROFILE RIGHT ANGLE MODULAR JACK ASSEMBLY			
						CHECKED BY DATE JTR 1993/03/31		MOLEX MOLEX INCORPORATED			
						APPROVED BY DATE FSMITH 2012/02/09					
			ANGULAR ±1/2°			MATERIAL NO.		DOCUMENT NO.		SHEET NO. 3 OF 9	
			DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS			SEE SHEET 6		SDA-43202			
						THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION					



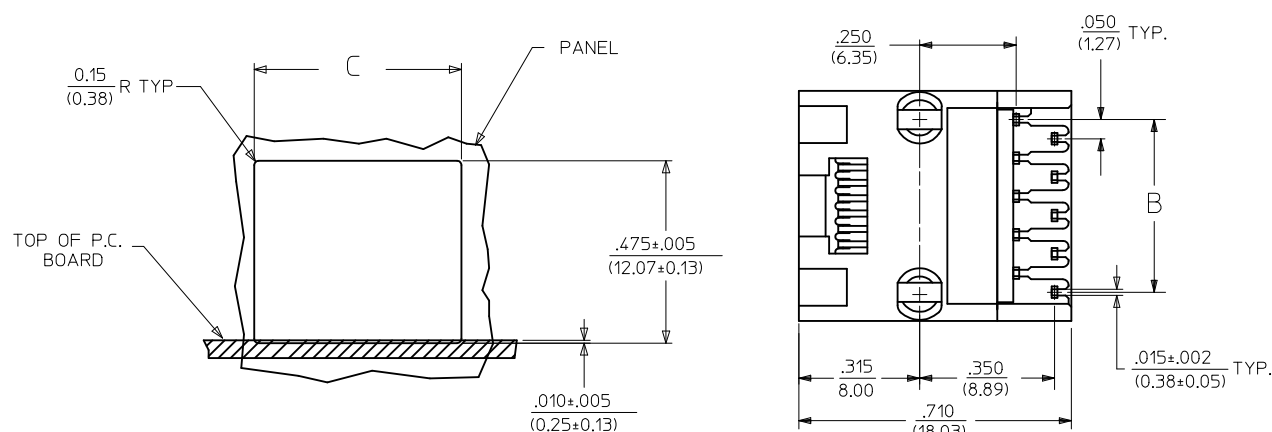
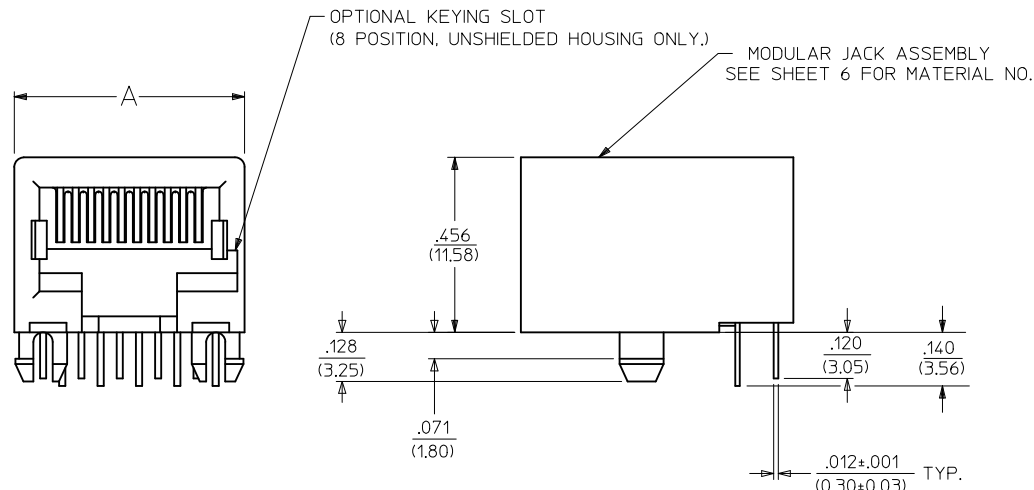
SIZE 4
LOADED 4 SHOWN



SIZE 6
LOADED 6 SHOWN

UNSHIELDED MODULAR JACKS

SIZE 8, LOADED 10 SHOWN

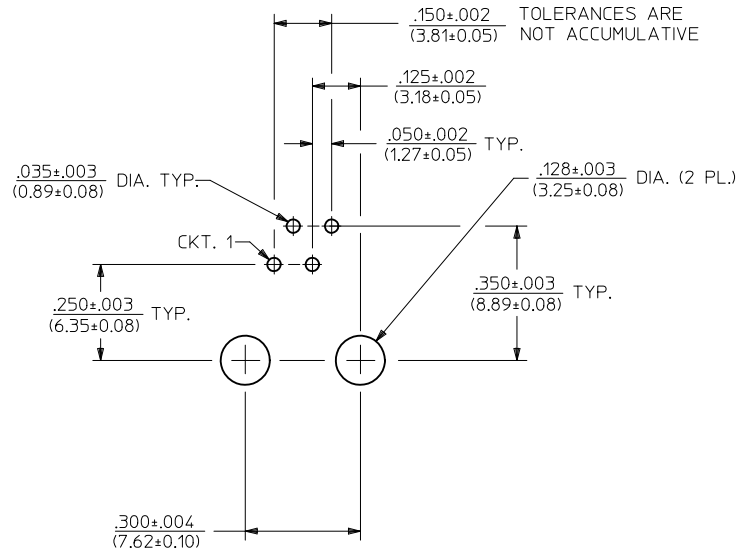


PANEL CUT-OUT (UNSHIELDED)

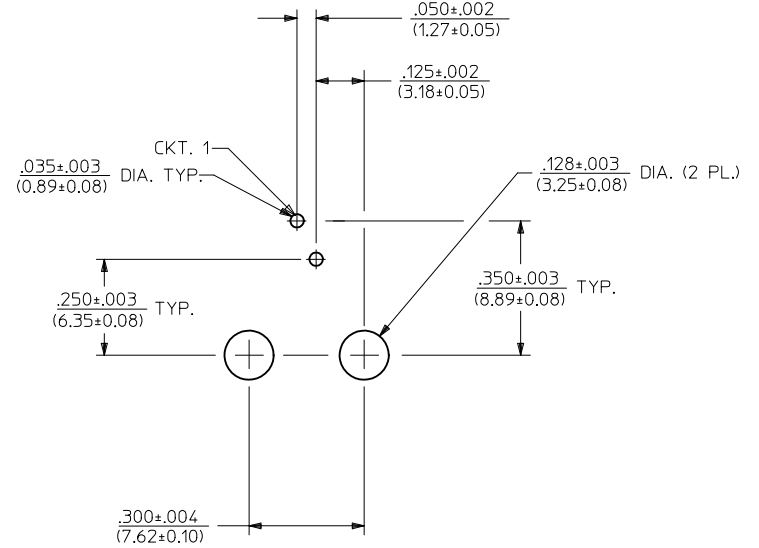
HOUSING SIZE	LOADED CIRCUITS	A	B	C
4	4	.440 (11.18)	.150±.005 (3.81±0.13)	.460±.005 (11.68±0.13)
4	2	.440 (11.18)	.050±.005 (1.27±0.13)	.460±.005 (11.68±0.13)
6	6	.520 (13.21)	.250±.005 (6.35±0.13)	.540±.005 (13.72±0.13)
6	4	.520 (13.21)	.150±.005 (3.81±0.13)	.540±.005 (13.72±0.13)
6	2	.520 (13.21)	.050±.005 (1.27±0.13)	.540±.005 (13.72±0.13)
8	10	.600 (15.24)	.450±.005 (11.43±0.13)	.620±.005 (15.75±0.13)
8	8	.600 (15.24)	.350±.005 (8.89±0.13)	.620±.005 (15.75±0.13)
8	6	.600 (15.24)	.250±.005 (6.35±0.13)	.620±.005 (15.75±0.13)
8	4	.600 (15.24)	.150±.005 (3.81±0.13)	.620±.005 (15.75±0.13)
8	2	.600 (15.24)	.050±.005 (1.27±0.13)	.620±.005 (15.75±0.13)

SEE SHEET 1 EC NO: UCP2012-2472 DRAWN: NGUYEN CHKD: J.BELL APPR: FSM/TH REV	DESCRIPTION 2012/02/03 2012/02/03 2012/02/09	QUALITY SYMBOLS <
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	13	12	11	10	9	8	7	6	5	4	3	2	1																															
J	SHIELDED MODULAR JACKS W/O BOTTOM GROUND TABS (SHEET 3)							UNSHIELDED MODULAR JACKS- (SHEET 4)							J																													
	ASSEMBLY MATERIAL NUMBER	CONNECTOR SIZE	NUMBER OF CIRCUITS	SIDE/TOP PANEL GROUND TAB OPTION	PCB GROUND TAB OPTION	TERMINAL PLATING OPTION	PACKAGING	HOUSING COLOR	ASSEMBLY MATERIAL NUMBER	CONNECTOR SIZE	NUMBER OF CIRCUITS	TERMINAL PLATING OPTION	KEYING OPTION	PACKAGING OPTION	HOUSING COLOR																													
	43202-8800	8	10	E	FRONT POSITION	A	TRAY	BLACK	43202-4101	4	4	A	NO	TRAY	BLACK																													
I	43202-8801	8	10	F	FRONT POSITION	A	TRAY		43202-4104	4	2	A	NO	TRAY																														
	43202-8802	8	10	G	FRONT POSITION	A	TRAY		43202-6101	6	6	A	NO	TRAY																														
	43202-8803	8	10	H	FRONT POSITION	A	TRAY		43202-6102	6	6	B	NO	TRAY																														
	43202-8808	8	10	E	REAR POSITION	A	TRAY		43202-6104	6	4	A	NO	TRAY																														
	43202-8809	8	10	F	REAR POSITION	A	TRAY		43202-6105	6	4	B	NO	TRAY																														
H	43202-8810	8	10	G	REAR POSITION	A	TRAY		43202-6107	6	2	A	NO	TRAY	ORANGE																													
	43202-8811	8	10	H	REAR POSITION	A	TRAY		43202-6110	6	6	B	NO	TUBE																														
	43202-8816	8	8	E	FRONT POSITION	A	TRAY		43202-6113	6	2	A	NO	TRAY	GREEN																													
	43202-8817	8	8	F	FRONT POSITION	A	TRAY		43202-6116	6	2	A	NO	TRAY	BLACK																													
	43202-8818	8	8	G	FRONT POSITION	A	TRAY		43202-8101	8	10	A	NO	TRAY																														
	43202-8819	8	8	H	FRONT POSITION	A	TRAY		43202-8104	8	8	A	NO	TRAY																														
	43202-8824	8	8	E	REAR POSITION	A	TRAY		43202-8105	8	8	B	NO	TRAY																														
	43202-8825	8	8	F	REAR POSITION	A	TRAY		43202-8113	8	8	A	YES	TRAY																														
	43202-8826	8	8	G	REAR POSITION	A	TRAY		43202-8116	8	6	A	NO	TRAY																														
G	43202-8827	8	8	H	REAR POSITION	A	TRAY		43202-8119	8	4	A	NO	TRAY																														
									43202-8122	8	2	A	NO	TRAY																														
								43202-8125	8	8	A	NO	TRAY	BLUE																														
								43202-8504	8	8	A	NO	TUBE	BLACK																														
								43202-8513	8	8	A	YES	TUBE																															
F															F																													
E															E																													
D															D																													
C															C																													
B															B																													
A															A																													
SEE SHEET 1 EC NO: UCP2012-2472 DRWN:NGUYEN CHKD:JBELL APPR:FSMITH REV 2012/02/03 2012/02/03 2012/02/09 DESCRIPTION REV QUALITY SYMBOLS ▽=0 ▽=0 ▽=0 GENERAL TOLERANCES (UNLESS SPECIFIED) <table><tr><th></th><th>mm</th><th>INCH</th></tr><tr><td>4 PLACES</td><td>± ---</td><td>± ---</td></tr><tr><td>3 PLACES</td><td>± ---</td><td>± .010</td></tr><tr><td>2 PLACES</td><td>± 0.25</td><td>± .014</td></tr><tr><td>1 PLACE</td><td>± 0.36</td><td>± ---</td></tr><tr><td colspan="3">ANGULAR ±1/2°</td></tr></table> DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS DIMENSION STYLE IN/MM <table><tr><td>DRAWN BY</td><td>DATE</td></tr><tr><td>JTR</td><td>1993/03/31</td></tr><tr><td>CHECKED BY</td><td>DATE</td></tr><tr><td>JTR</td><td>1993/03/31</td></tr><tr><td>APPROVED BY</td><td>DATE</td></tr><tr><td>FSMITH</td><td>2012/02/09</td></tr></table> MATERIAL NO. SEE CHART SIZE C SCALE 4:1 DESIGN UNITS INCH THIRD ANGLE PROJECTION TITLE ULTRA LOW PROFILE RIGHT ANGLE MODULAR JACK ASSEMBLY MOLEX MOLEX INCORPORATED DOCUMENT NO. SDA-43202 SHEET NO. 6 OF 9 THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION																mm	INCH	4 PLACES	± ---	± ---	3 PLACES	± ---	± .010	2 PLACES	± 0.25	± .014	1 PLACE	± 0.36	± ---	ANGULAR ±1/2°			DRAWN BY	DATE	JTR	1993/03/31	CHECKED BY	DATE	JTR	1993/03/31	APPROVED BY	DATE	FSMITH	2012/02/09
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FSMITH	2012/02/09																																											
	12	11	10	9	8	7	6	5	4	3	2	1																																



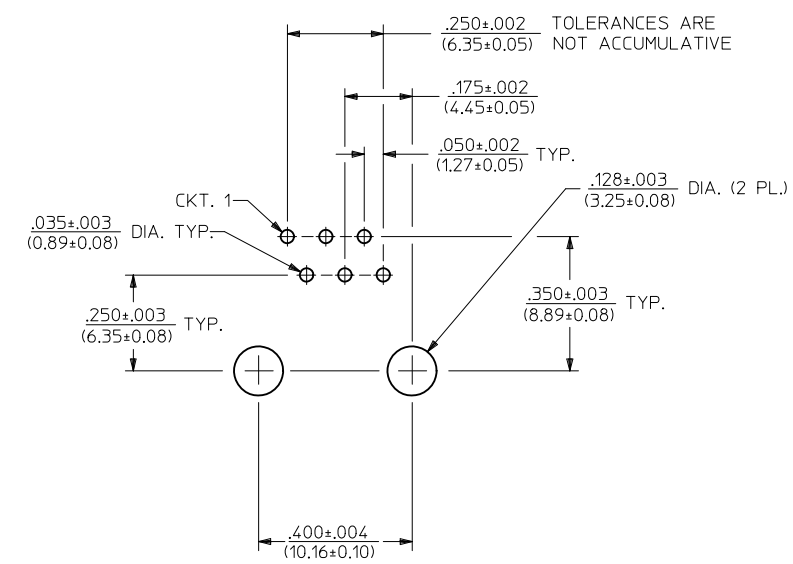
PC BOARD LAYOUT FOR 4 POSITION HOUSING
(4 CIRCUIT FOOT PRINT SHOWN)
(COMPONENT SIDE OF BOARD)



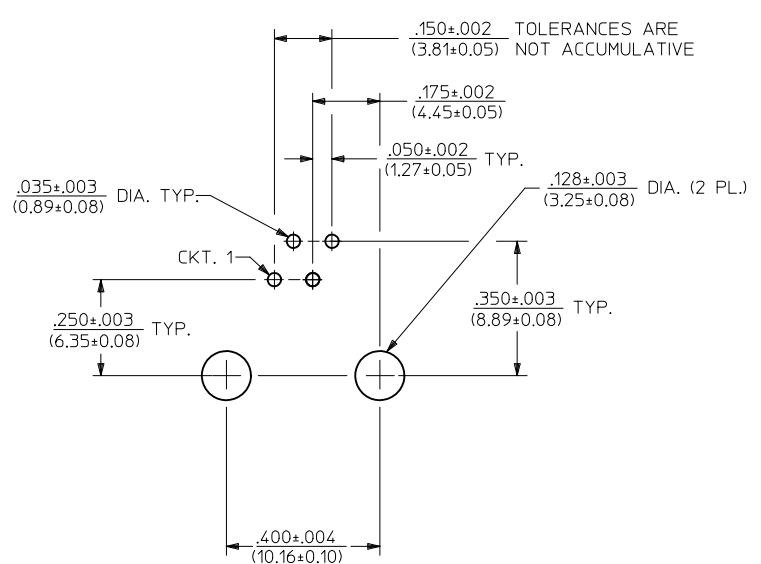
PC BOARD LAYOUT FOR 4 POSITION HOUSING
(2 CIRCUIT FOOT PRINT SHOWN)
(COMPONENT SIDE OF BOARD)

NOTES:
1. RECOMMENDED PCB THICKNESS: .062±.005/(1.57±0.13)

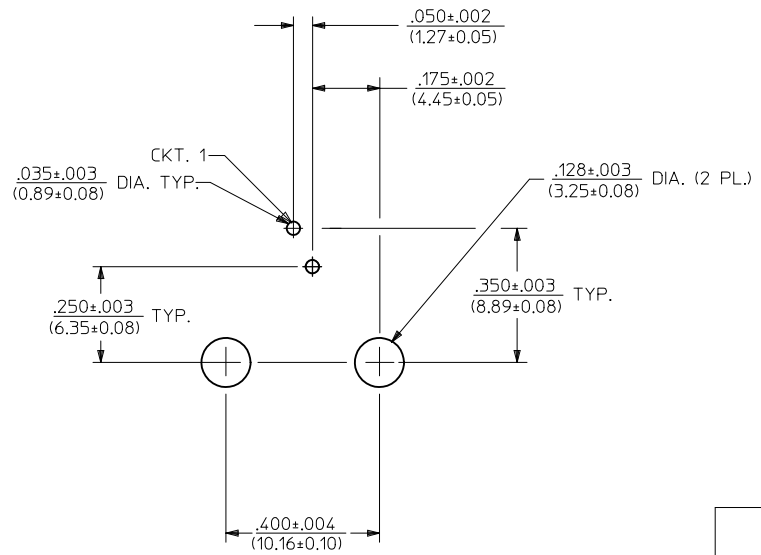
SEE SHEET 1 EC NO: UCP2012-2472 DRAWN: NGUYEN CHKD: J.BELL 2012/02/03 APPR: F.S.MITH 2012/02/09	REV	DESCRIPTION	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)			DIMENSION STYLE IN/MM		SCALE 4:1	DESIGN UNITS INCH	THIRD ANGLE PROJECTION			
				4 PLACES	mm	INCH	DRAWN BY JTR	DATE 1993/03/31	TITLE ULTRA LOW PROFILE RIGHT ANGLE MODULAR JACK ASSEMBLY					
					3 PLACES	± ---	± ---	CHECKED BY					DATE	
					2 PLACES	± 0.25	± 0.14	JTR					1993/03/31	
				1 PLACE	± 0.36	± ---	APPROVED BY FSMITH		DATE 2012/02/09	MOLEX MOLEX INCORPORATED				
				ANGULAR ±1/2°			MATERIAL NO.		DOCUMENT NO.		SHEET NO.			
				DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS			SEE SHEET 6		SDA-43202				7 OF 9	
							SIZE	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION						



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



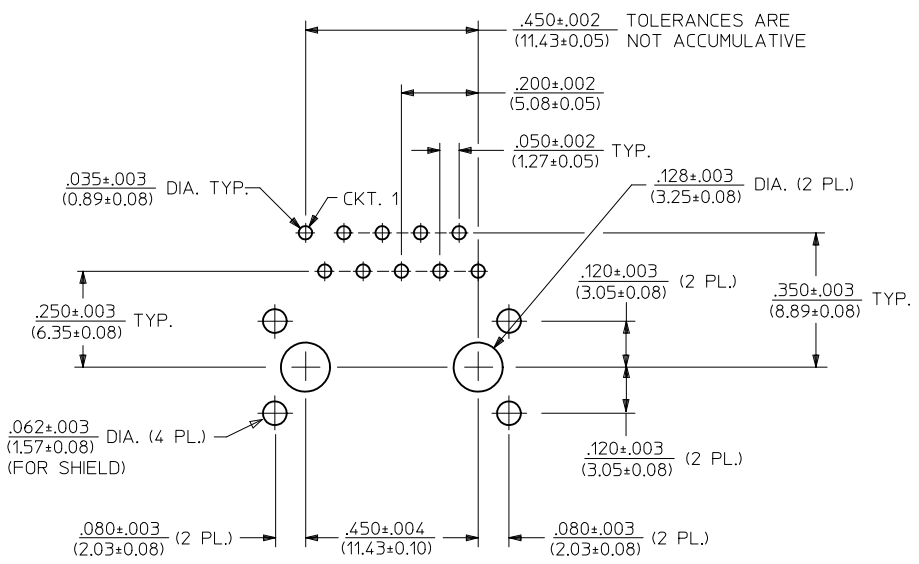
PC BOARD LAYOUT FOR 6 POSITION HOUSING
(4 CIRCUIT FOOT PRINT SHOWN)
(COMPONENT SIDE OF BOARD)



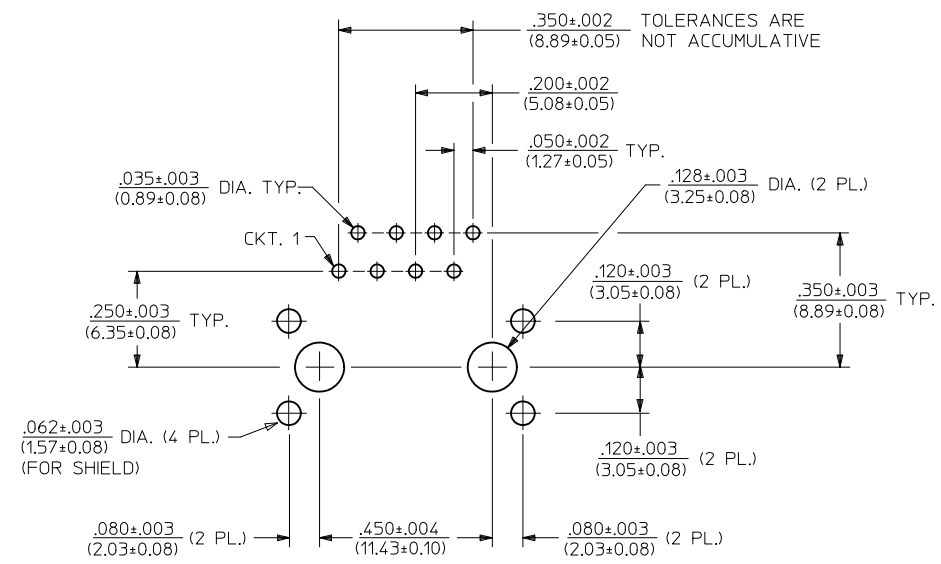
PC BOARD LAYOUT FOR 6 POSITION HOUSING
(2 CIRCUIT FOOT PRINT SHOWN)
(COMPONENT SIDE OF BOARD)

NOTES:
1. RECOMMENDED PCB THICKNESS: .062±.005/(1.57±0.13)

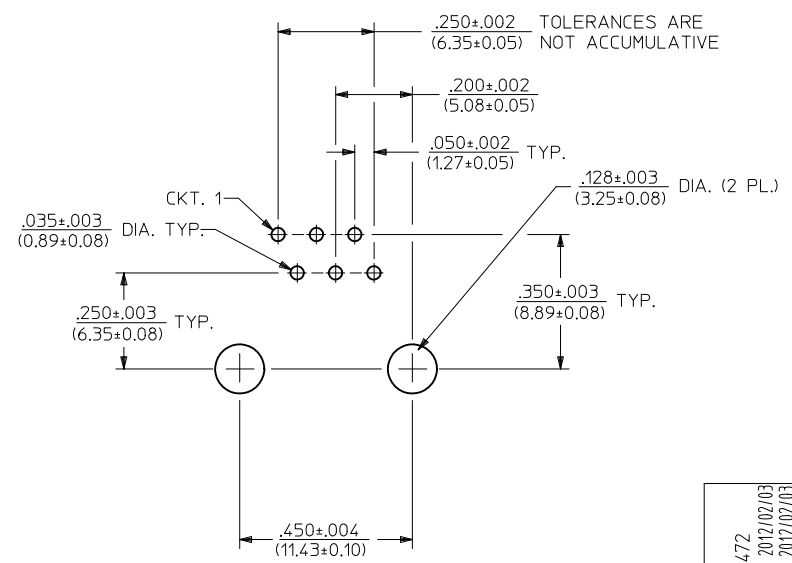
SEE SHEET 1 EC NO: UCP2012-2472 2012/02/03 DRAWN: NGUYEN 2012/02/03 CHKD: JELL 2012/02/09 APPR: FSMITH	DESCRIPTION REV	QUALITY SYMBOLS ▽=0 ▽=0 ▽=0	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE IN/MM		SCALE 4:1	DESIGN UNITS INCH	THIRD ANGLE PROJECTION
				mm	INCH	DRAWN BY JTR	DATE 1993/03/31	TITLE ULTRA LOW PROFILE RIGHT ANGLE MODULAR JACK ASSEMBLY	
			4 PLACES	± ---	± ---	CHECKED BY JTR	DATE 1993/03/31		
			3 PLACES	± ---	± .010				
			2 PLACES	± 0.25	± .014				
			1 PLACE	± 0.36	± ---	APPROVED BY FSMITH	DATE 2012/02/09	MOLEX INCORPORATED	
			ANGULAR ±1/2°		MATERIAL NO.	DOCUMENT NO.			SHEET NO.
			DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SEE SHEET 6	SDA-43202			8 OF 9
L5					SIZE C	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION			



PC BOARD LAYOUT FOR 8 POSITION HOUSING
(10 CIRCUIT FOOTPRINT SHOWN)
(COMPONENT SIDE OF BOARD)



PC BOARD LAYOUT FOR 8 POSITION HOUSING
(8 CIRCUIT FOOTPRINT SHOWN)
(COMPONENT SIDE OF BOARD)



PC BOARD LAYOUT FOR 8 POSITION HOUSING
(6 CIRCUIT FOOTPRINT SHOWN)
(COMPONENT SIDE OF BOARD)

NOTES:
1. RECOMMENDED PCB THICKNESS: .062±.005/(1.57±0.13)

SEE SHEET 1 EC NO: UCP2012-2472 DRAWN: NGUYEN CHKD: J.BELL APPR: F.SMITH REV	DESCRIPTION 2012/02/03 2012/02/03 2012/02/09	QUALITY SYMBOLS ▽=0 ▽=0 ▽=0	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE IN/MM		SCALE 4:1	DESIGN UNITS INCH	THIRD ANGLE PROJECTION			
				mm	INCH	DRAWN BY JTR	DATE 1993/03/31	TITLE ULTRA LOW PROFILE RIGHT ANGLE MODULAR JACK ASSEMBLY				
			4 PLACES	± ---	± ---	CHECKED BY JTR	DATE 1993/03/31					
			3 PLACES	± ---	± .010							
			2 PLACES	± 0.25	± .014	APPROVED BY F.SMITH		DATE 2012/02/09		molex MOLEX INCORPORATED		
			1 PLACE	± 0.36	± ---							
			ANGULAR ±1/2°			MATERIAL NO. SEE SHTS 5&6		DOCUMENT NO. SDA-43202		SHEET NO. 9 OF 9		
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									

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