

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.

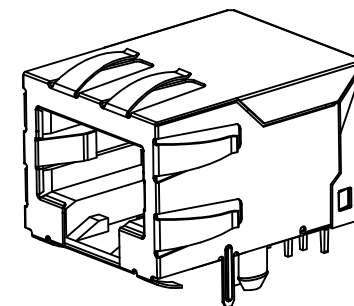
4) PACKAGING SPECIFICATION:

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 CONFORMS 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

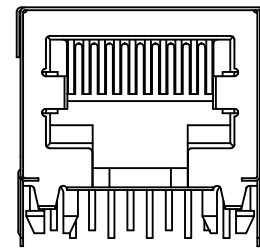
SHEET 1- NOTES, DRAWING LEGEND
SHEET 2- SHIELDED MODULAR JACK W/ BOTTOM GROUND TABS
SHEET 3- SHIELDED MODULAR JACK W/O BOTTOM GROUND TABS
SHEET 4- UNSHIELDED MODULAR JACK
SHEET 5- PART NUMBER CHARTS
SHEET 6- PART NUMBER CHARTS
SHEET 7- FOOTPRINT LAYOUT FOR 4 POSITION HOUSING
SHEET 8- FOOTPRINT LAYOUT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

ADD VIEWS EC NO: UCP2012-2472 DRAWN: NGUYEN CHKD: J.BELL APPR: F.SMITH 2012/02/03 2012/02/03 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					
			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					

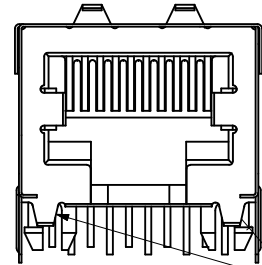
SHIELDED MODULAR JACK W/BOTTOM GROUND TABS

SIZE 8 LOADED 10 VERSION SHOWN

SIDE/TOP GROUND TAB OPTIONS FOR SHIELDS



OPTION "A"
NO TOP OR SIDE TABS

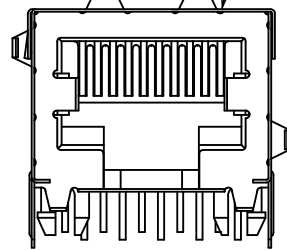


OPTION "B"
TOP TABS

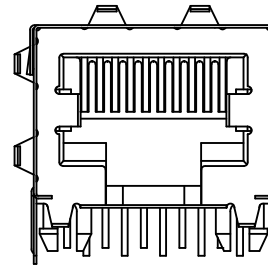
BOTTOM
GROUND TABS

OPTIONAL TOP GROUND TABS

SHIELDED MODULAR JACK ASSEMBLY
SEE SHEET 5 FOR MATERIAL NO.

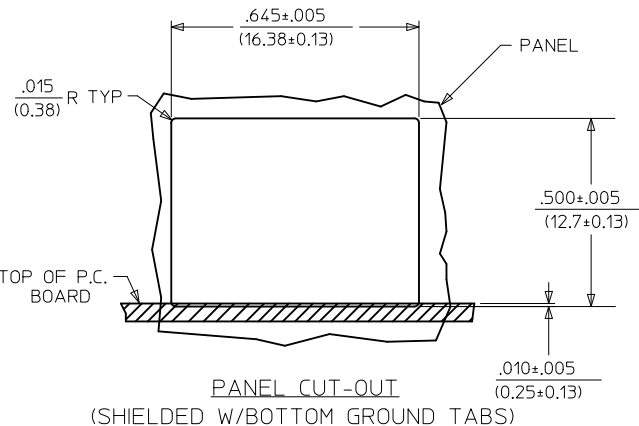


OPTION "C"
TOP AND STAGGERED SIDE TABS

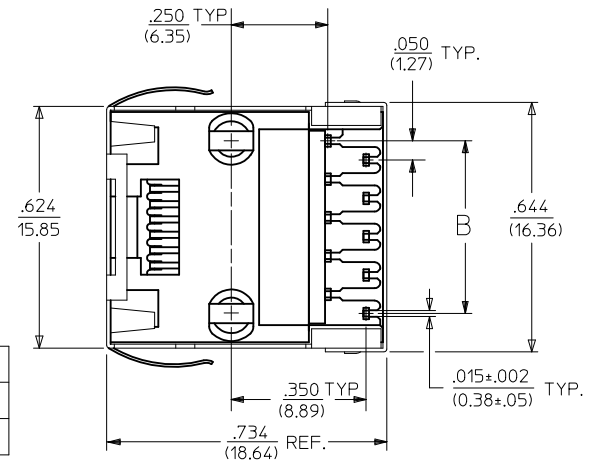
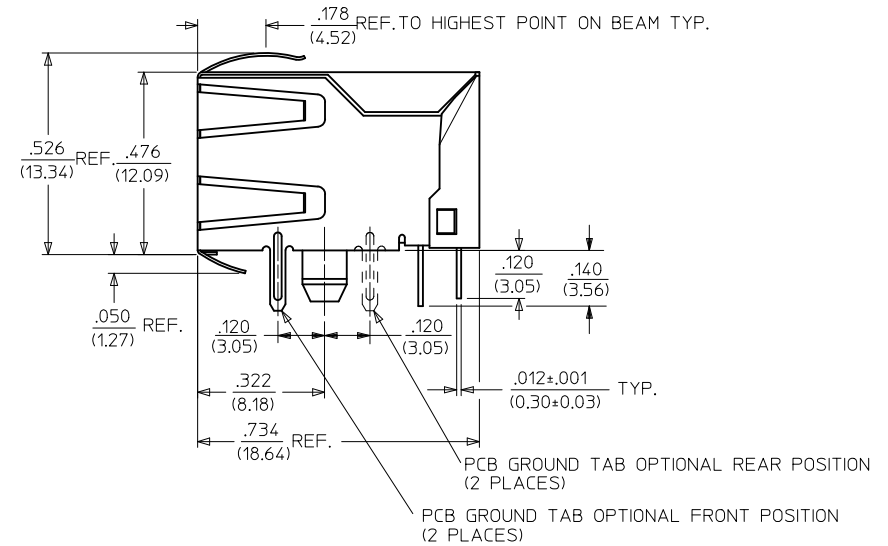


OPTION "D"
TOP AND SIDE TABS

OPTIONAL SIDE
GROUND TABS
(2 PLACES)



HOUSING SIZE	CIRCUIT SIZE	B
8	10	.450±.005 11.43±.13
8	8	.350±.005 8.89±.13

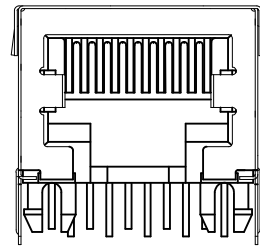


SEE SHEET 1 EC NO: UCP2012-2472 DRAWN: NGUYEN CHKD: JRELL APPR: FSMITH REV	QUALITY SYMBOLS ▽=0 ▽=0 ▽=0	DESCRIPTION	GENERAL TOLERANCES (UNLESS SPECIFIED) mm INCH 4 PLACES ± --- ± --- 3 PLACES ± --- ± .010 2 PLACES ± 0.25 ± .014 1 PLACE ± 0.36 ± --- ANGULAR ± 1/2° DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	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							
				APPROVED BY DATE FSMITH 2012/02/09					MOLEX MOLEX INCORPORATED		
				MATERIAL NO. SEE SHEET 5			DOCUMENT NO. SDA-43202			SHEET NO. 2 OF 9	
				SIZE THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION							

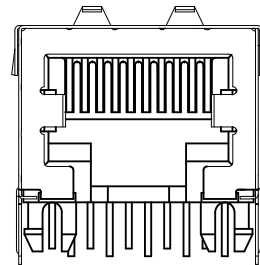
SHIELDED MODULAR JACK W/O BOTTOM GROUND TABS

SIZE 8, LOADED 10 VERSION SHOWN

SIDE/TOP GROUND TAB OPTIONS FOR SHIELDS



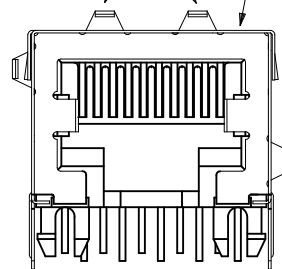
OPTION "E"
NO TOP OR SIDE TABS



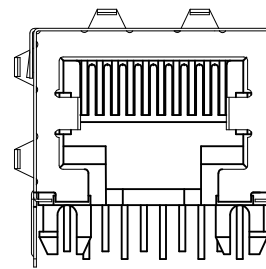
OPTION "F"
TOP TABS

OPTIONAL TOP GROUND TABS

SHIELDED MODULAR JACK ASSEMBLY
SEE SHEET 6 FOR MATERIAL NO.

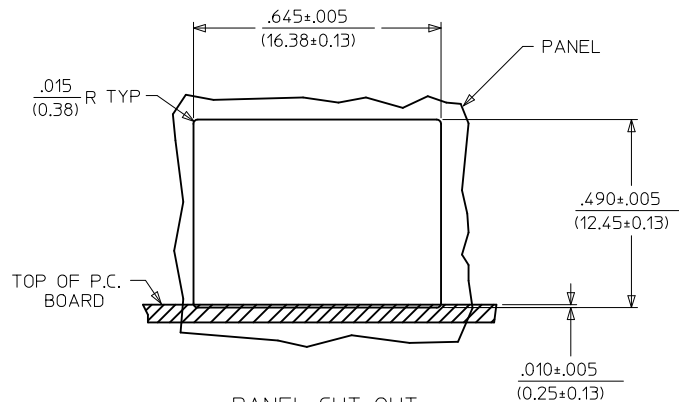


OPTION "G"
TOP AND STAGGERED SIDE TABS



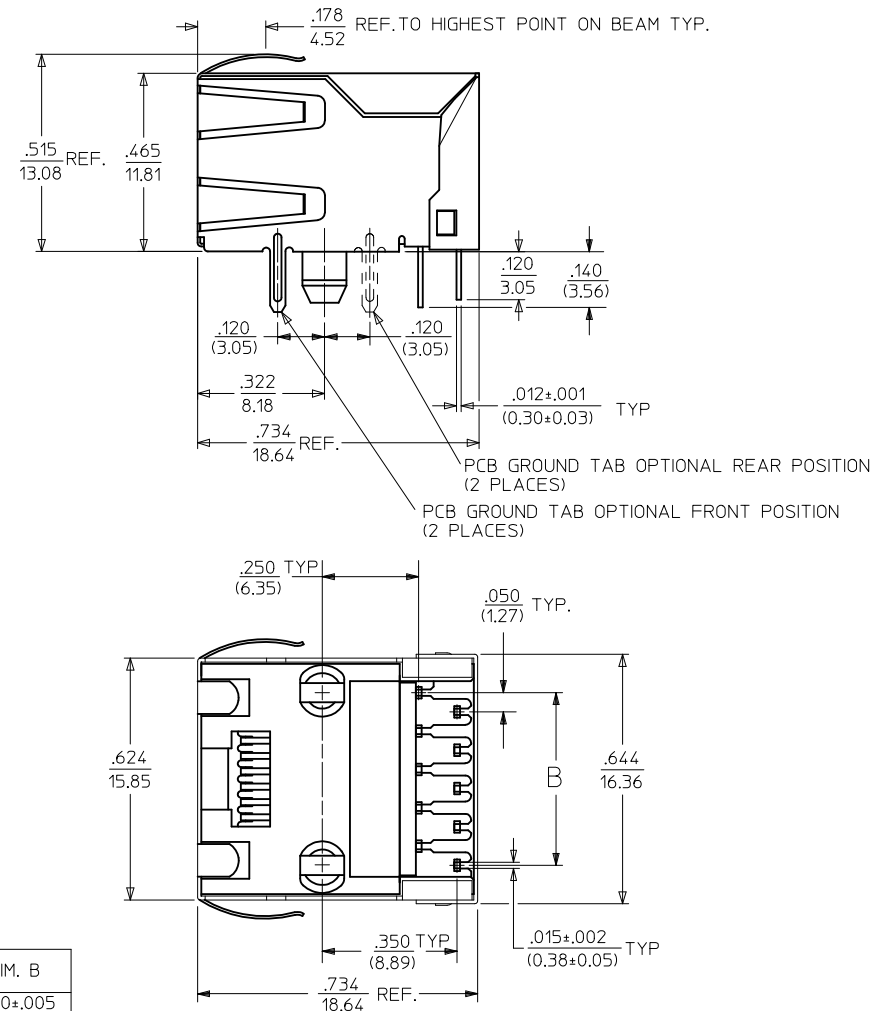
OPTION "H"
TOP AND SIDE TABS

OPTIONAL SIDE
GROUND TABS
(2 PLACES)

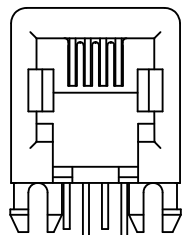


PANEL CUT-OUT
(SHIELDED W/O BOTTOM GROUND TABS)

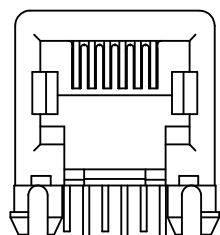
HOUSING SIZE	CIRCUIT SIZE	DIM. B
8	10	.450±.005 (11.43±0.13)
8	8	.350±.005 (8.89±0.13)



SEE SHEET 1 EC NO: UCP2012-2472 2012/02/03 DRAWN: NGUYEN 2012/02/03 CHKD: J.BELL 2012/02/09 APPR: FSMITH	DESCRIPTION	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	MOLEX INCORPORATED		
			3 PLACES	± ---	± .010	APPROVED BY FSMITH	DATE 2012/02/09			
			2 PLACES	± 0.25	± .014	MATERIAL NO.		DOCUMENT NO.		
			1 PLACE	± 0.36	± ---	SEE SHEET 6		SDA-43202		
			ANGULAR ± 1/2°		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SIZE			THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION
REV			SHEET NO. 3 OF 9							



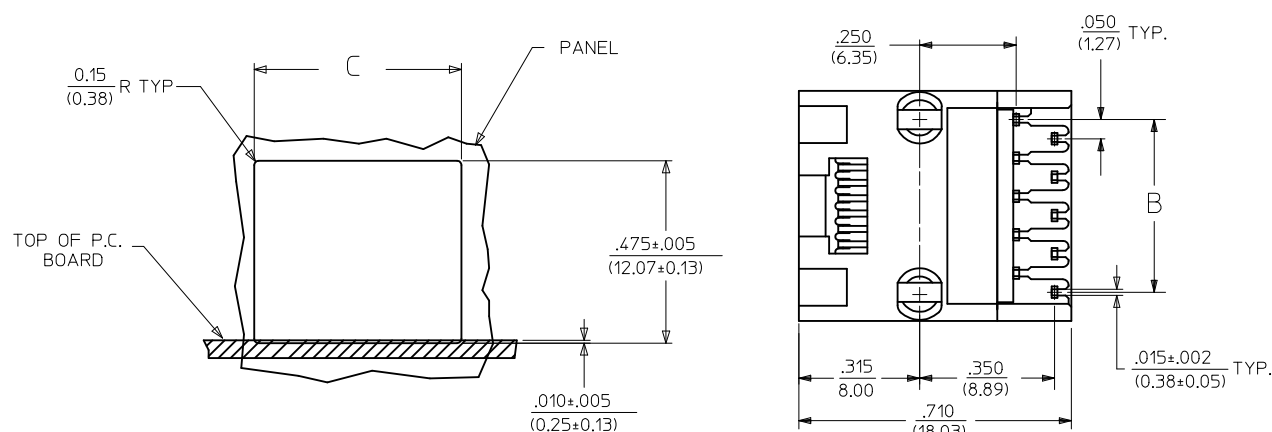
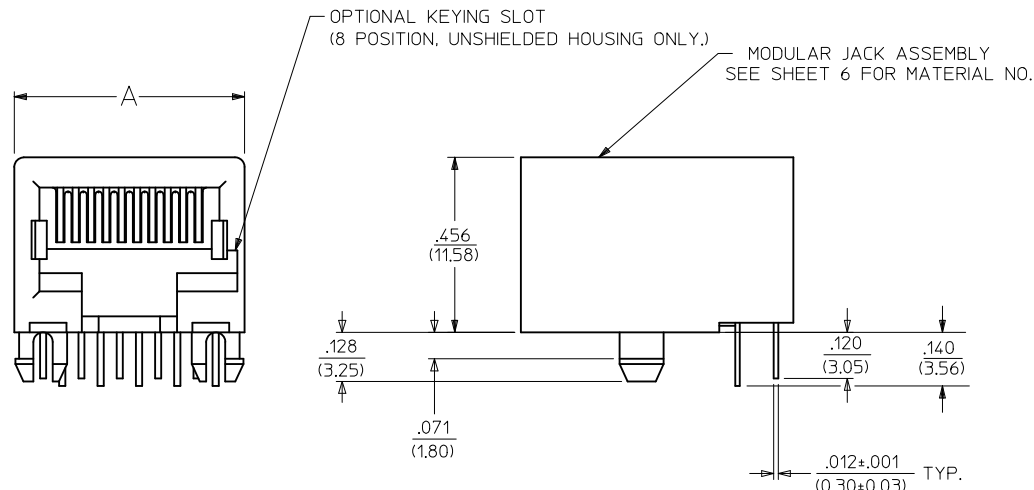
SIZE 4
LOADED 4 SHOWN



SIZE 6
LOADED 6 SHOWN

UNSHIELDED MODULAR JACKS

SIZE 8, LOADED 10 SHOWN

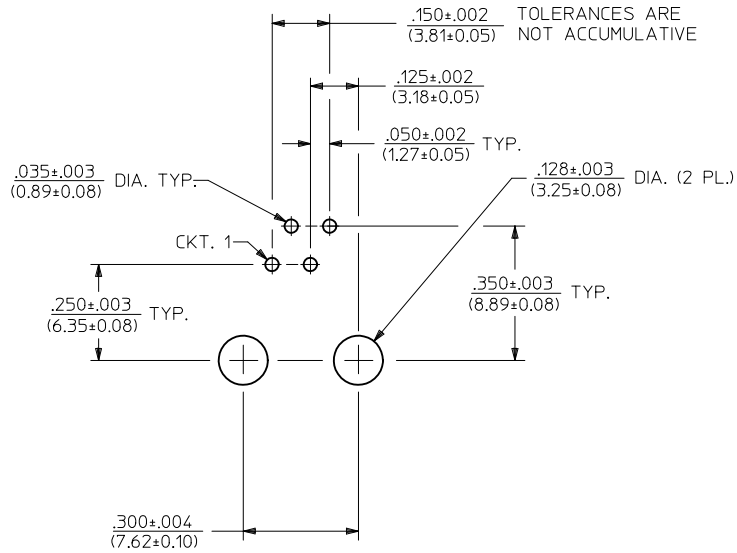


PANEL CUT-OUT (UNSHIELDED)

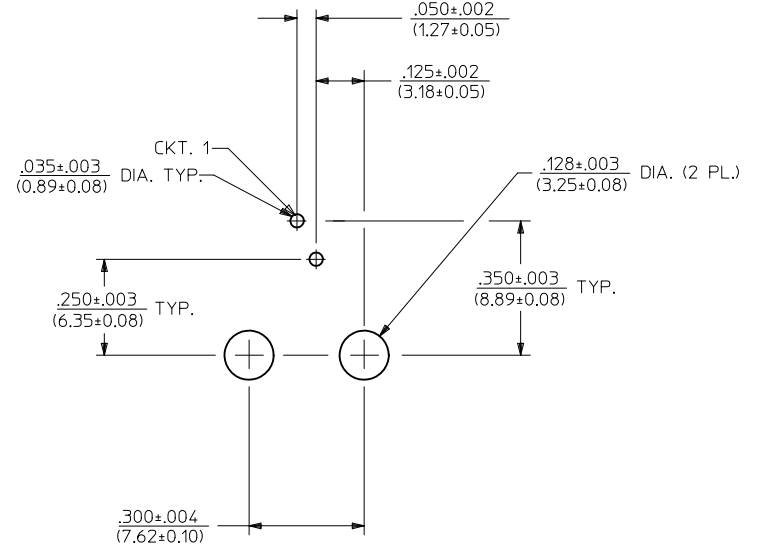
HOUSING SIZE	LOADED CIRCUITS	A	B	C
4	4	.440 (11.18)	.150±.005 (3.81±0.13)	.460±.005 (11.68±0.13)
4	2	.440 (11.18)	.050±.005 (1.27±0.13)	.460±.005 (11.68±0.13)
6	6	.520 (13.21)	.250±.005 (6.35±0.13)	.540±.005 (13.72±0.13)
6	4	.520 (13.21)	.150±.005 (3.81±0.13)	.540±.005 (13.72±0.13)
6	2	.520 (13.21)	.050±.005 (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
--	---	---

[illegible]



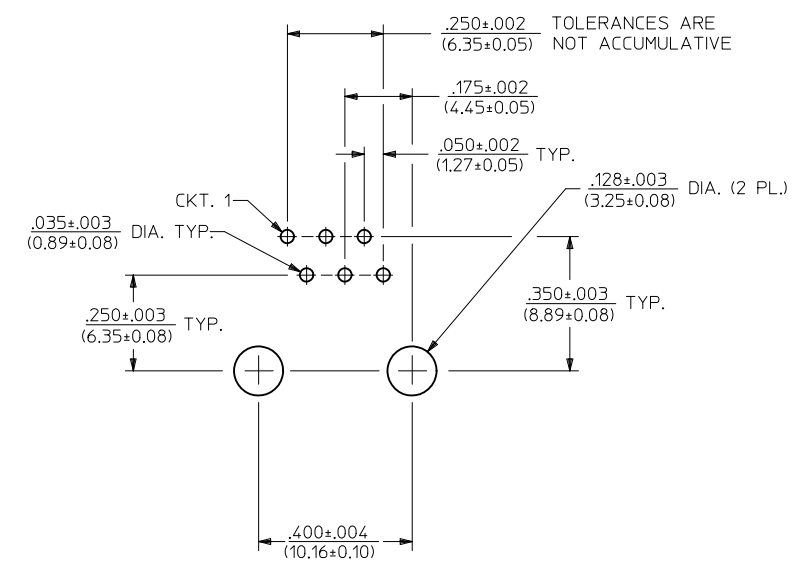
PC BOARD LAYOUT FOR 4 POSITION HOUSING
(4 CIRCUIT FOOT PRINT SHOWN)
(COMPONENT SIDE OF BOARD)



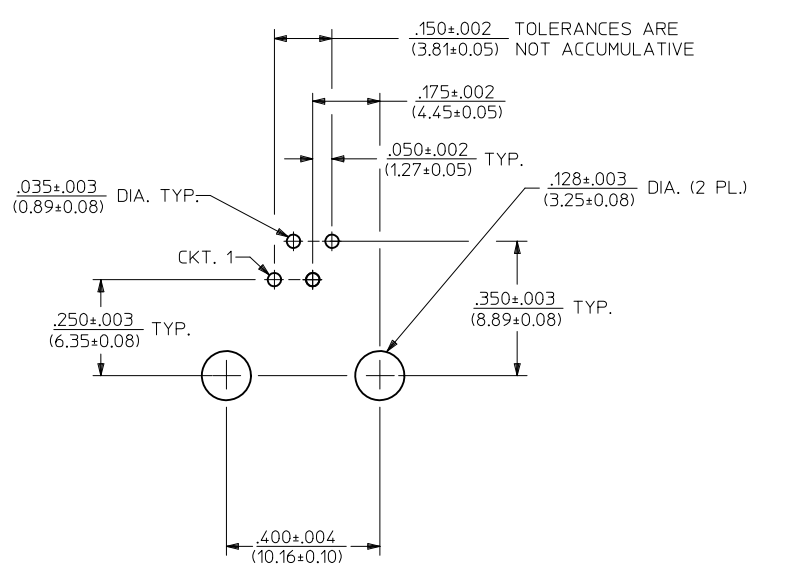
PC BOARD LAYOUT FOR 4 POSITION HOUSING
(2 CIRCUIT FOOT PRINT SHOWN)
(COMPONENT SIDE OF BOARD)

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

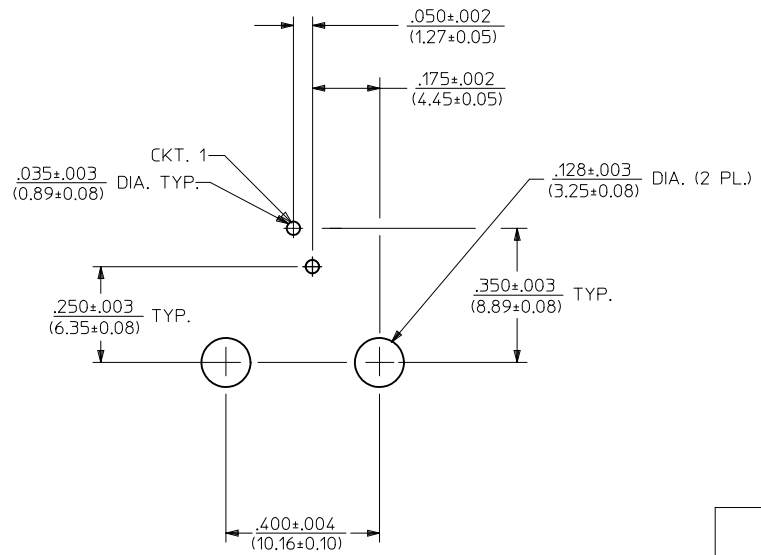
SEE SHEET 1 EC NO: UCP2012-2472 L5 DRAWN: NGUYEN CHKD: J.BELL 2012/02/03 APPR: F.S.MITH 2012/02/09	REV	DESCRIPTION	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE IN/MM		SCALE 4:1	DESIGN UNITS INCH	THIRD ANGLE PROJECTION			
					mm	INCH	DRAWN BY JTR	DATE 1993/03/31	TITLE ULTRA LOW PROFILE RIGHT ANGLE MODULAR JACK ASSEMBLY				
				4 PLACES	± ---	± ---	CHECKED BY	DATE					
				3 PLACES	± ---	± .010	JTR	1993/03/31					
				2 PLACES	± 0.25	± .014	APPROVED BY	DATE	molex	MOLEX INCORPORATED			
				1 PLACE	± 0.36	± ---	FSMITH	2012/02/09					
				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)



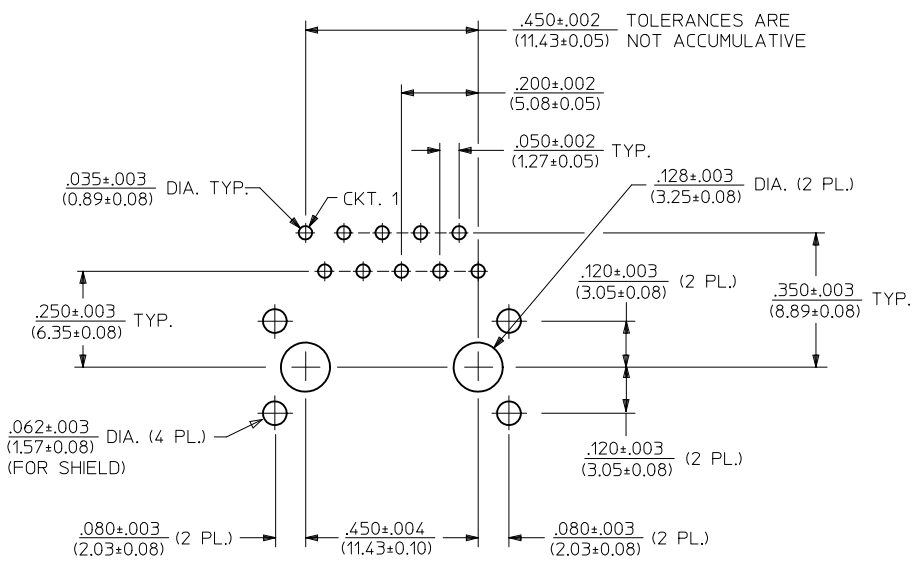
PC BOARD LAYOUT FOR 6 POSITION HOUSING
(4 CIRCUIT FOOT PRINT SHOWN)
(COMPONENT SIDE OF BOARD)



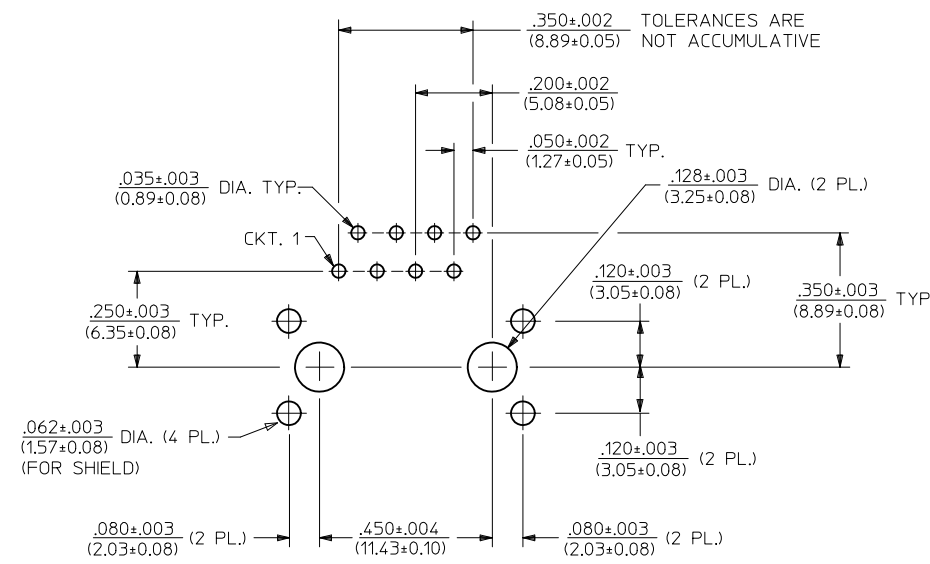
PC BOARD LAYOUT FOR 6 POSITION HOUSING
(2 CIRCUIT FOOT PRINT SHOWN)
(COMPONENT SIDE OF BOARD)

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

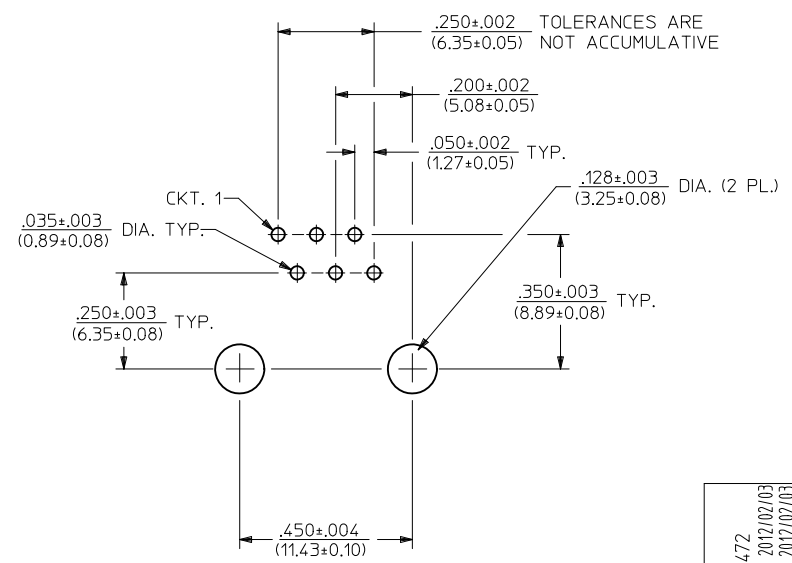
SEE SHEET 1 EC NO: UCP2012-2472 DRAWN: NGUYEN CHKD: JELL APPR: FSMITH 2012/02/03 2012/02/09	DESCRIPTION REV	QUALITY SYMBOLS ▽=0 ▽=0 ▽=0	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE IN/MM		SCALE 4:1	DESIGN UNITS INCH	THIRD ANGLE PROJECTION MOLEX MOLEX INCORPORATED SDA-43202 SHEET NO. 8 OF 9	
							TITLE ULTRA LOW PROFILE RIGHT ANGLE MODULAR JACK ASSEMBLY			
							DRAWN BY JTR 1993/03/31			
							CHECKED BY JTR 1993/03/31			
							APPROVED BY FSMITH 2012/02/09			
L5			DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		MATERIAL NO. SEE SHEET 6		DOCUMENT NO. SDA-43202			
					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 L5	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	DATE		
			3 PLACES	± ---	± .010	JTR	1993/03/31		
			2 PLACES	± 0.25	± .014	APPROVED BY	DATE		
	1 PLACE	± 0.36	± ---	F.SMITH	2012/02/09	 MOLEX INCORPORATED			
			DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		MATERIAL NO. SEE SHTS 5&6		DOCUMENT NO. SDA-43202		SHEET NO. 9 OF 9
					SIZE C	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION			