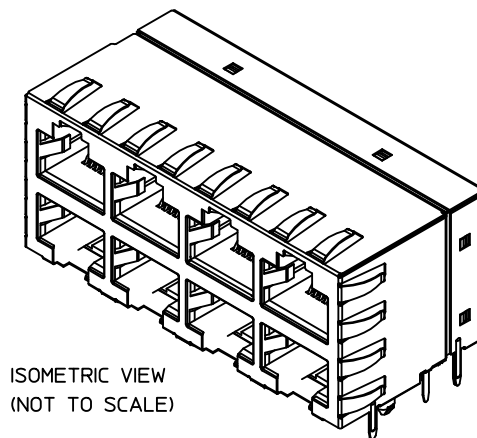
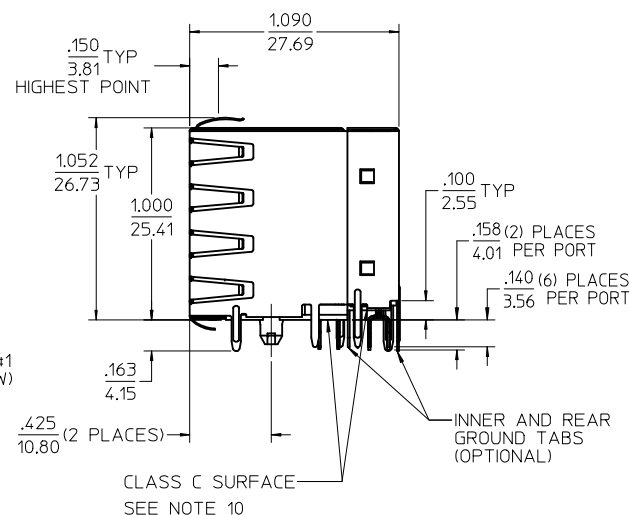
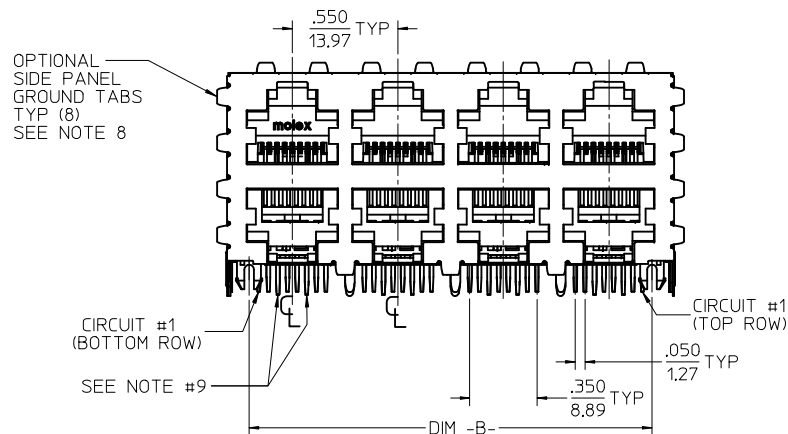
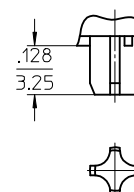
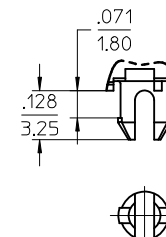




ISOMETRIC VIEW
(NOT TO SCALE)



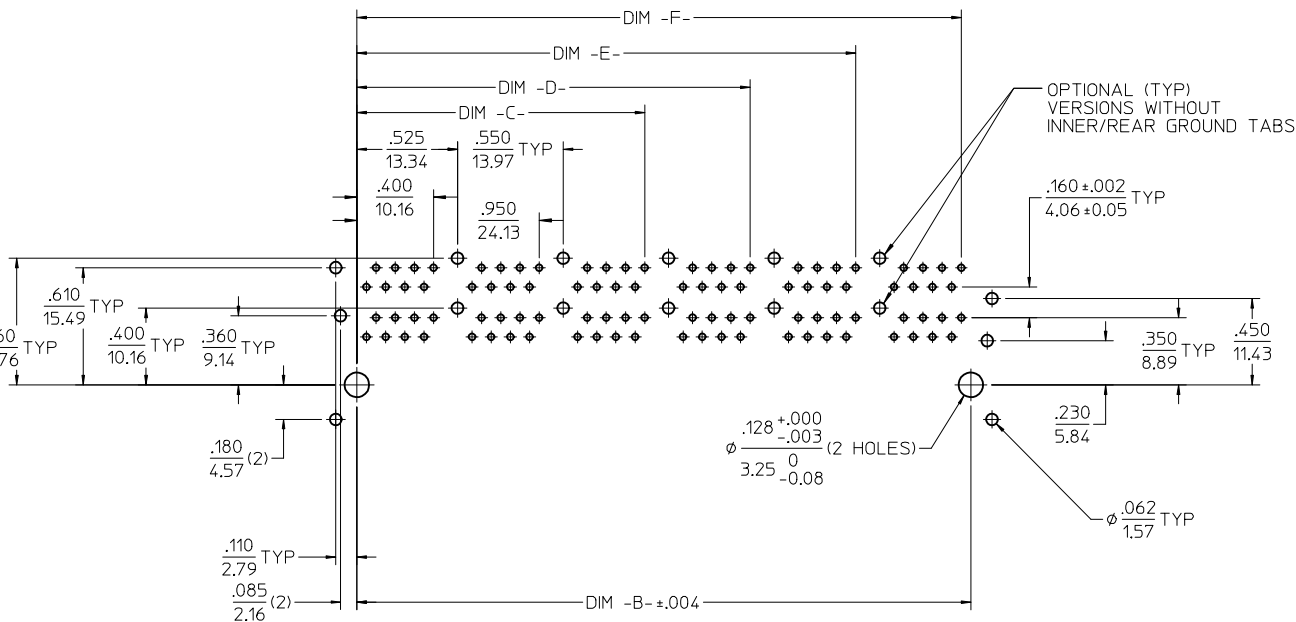
PRESS-FIT PEG
STYLE (NOTE 5)

SNAP-FIT PEG
STYLE (NOTE 5)

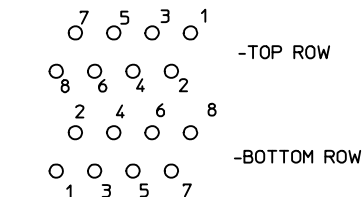
- NOTES:
- 1) MATERIAL:
HOUSING: POLYESTER(PBT), GLASS FILLED, UL94V-0, COLOR: BLACK
TERMINALS: PHOSPHOR BRONZE
SHIELD: BRASS
 - 2) FINISH:
TERMINALS:
SELECT GOLD IN CONTACT AREA: 50 MICROINCHES MIN.,
SELECT TIN IN PC TAIL AREA: 100 MICROINCHES MIN.,
WITH OVERALL NICKEL UNDERPLATE: 50 MICROINCHES MIN.
SHIELD:
100 MICROINCHES NICKEL OVER 50 MICROINCHES COPPER UNDERPLATE
PCB GROUND TABS DIPPED IN TIN
 - 3) PRODUCT SPECIFICATION: PS-44050-003.
 - 4) PACKAGING SPECIFICATION: CONNECTOR PACKAGED IN THERMOFORMED
TRAYS PER PK-44520-003.
 - 5) CONNECTORS AVAILABLE WITH EITHER SNAP-FIT OR PRESS-FIT PEGS.
 - 6) CONFORMS TO FCC REGULATION PART 68.5 FOR MODULAR JACKS.
 - 7) PCB LAYOUT AND PANEL CUT-OUT SHOWN ON SHEET (2) OF (2).
 - 8) AVAILABLE WITH THE (8) PANEL GROUND TABS REMOVED ON EACH SIDE
FOR SIDE TO SIDE STACKABILITY.
 - 9) TERMINAL LENGTHS MAY BE DIFFERENT FROM TERMINAL TO TERMINAL.
 - 10) THIS PART CONFORMS TO CLASS B REQUIREMENTS OF COSMETIC SPECIFICATION
PS-45499-002 WITH THE EXCEPTION OF THE INDICATED SURFACE WHICH IS
A CLASS C SURFACE.

ASSEMBLY MATERIAL NUMBER	NUMBER OF PORTS	PEG STYLE	DIM -A-	DIM -B-	SIDE PANEL GROUND TABS	INNER/REAR GROUND TABS
44520-0001	8 (2 X 4)	SNAP-FIT	2.330/59.18	2.100/53.34	YES	YES
44520-2001	8 (2 X 4)	SNAP-FIT	2.330/59.18	2.100/53.34	NO	YES
44520-3001	8 (2 X 4)	SNAP-FIT	2.330/59.18	2.100/53.34	YES	NO
44520-4001	8 (2 X 4)	SNAP-FIT	2.330/59.18	2.100/53.34	NO	NO
44520-0004	8 (2 X 4)	PRESS-FIT	2.330/59.18	2.100/53.34	YES	YES
44520-2004	8 (2 X 4)	PRESS-FIT	2.330/59.18	2.100/53.34	NO	YES
44520-3004	8 (2 X 4)	PRESS-FIT	2.330/59.18	2.100/53.34	YES	NO
44520-4004	8 (2 X 4)	PRESS-FIT	2.330/59.18	2.100/53.34	NO	NO
44520-0002	12 (2 X 6)	SNAP-FIT	3.430/87.12	3.200/81.28	YES	YES
44520-2002	12 (2 X 6)	SNAP-FIT	3.430/87.12	3.200/81.28	NO	YES
44520-3002	12 (2 X 6)	SNAP-FIT	3.430/87.12	3.200/81.28	YES	NO
44520-4002	12 (2 X 6)	SNAP-FIT	3.430/87.12	3.200/81.28	NO	NO
44520-0005	12 (2 X 6)	PRESS-FIT	3.430/87.12	3.200/81.28	YES	YES
44520-2005	12 (2 X 6)	PRESS-FIT	3.430/87.12	3.200/81.28	NO	YES
44520-3005	12 (2 X 6)	PRESS-FIT	3.430/87.12	3.200/81.28	YES	NO
44520-4005	12 (2 X 6)	PRESS-FIT	3.430/87.12	3.200/81.28	NO	NO

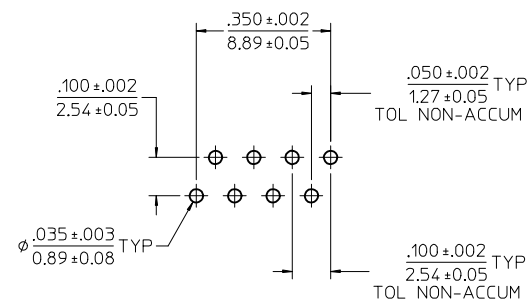
OBsolete 16 PORT EC NO: UCP2014-5436 2014/06/26 2014/06/26 DRWNG:NGUYEN CHKD:IBELL 2014/07/17 APPR:FSMITH D1	DESCRIPTION	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE IN/MM		SCALE 2:1	DESIGN UNITS INCH	THIRD ANGLE PROJECTION			
		F1=0 F2=0 F3=0		mm	INCH	DRAWN BY	DATE	STACKED MODULAR JACK CATEGORY 5 molex SD-44520-001				
			4 PLACES	± ---	± ---	MARGULIS	99/04/16					
			3 PLACES	± ---	± .010	CHECKED BY	DATE					
			2 PLACES	± 0.25	± ---	ROBERTS	99/04/18					
			1 PLACE	± ---	± ---	APPROVED BY	DATE					
			0 PLACE	±	±	ROBERTS	99/04/18	MATERIAL NO.		DOCUMENT NO.		SHEET NO.
			ANGULAR ±1/2°			SEE CHART		SD-44520-001		1 OF 2		
			DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS									
		REV					SIZE	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION				



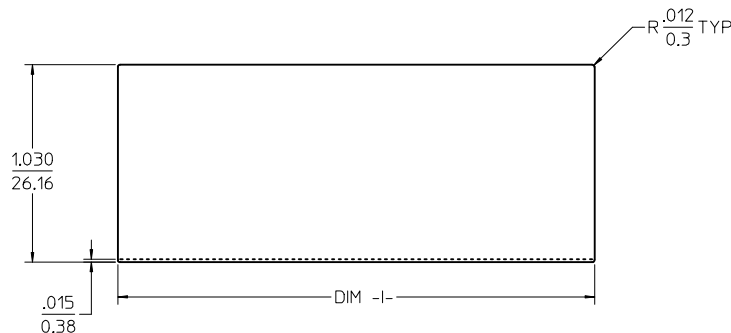
PC BOARD LAYOUT: COMPONENT SIDE
RECOMMENDED PCB THICKNESS: .062/1.57
(12 PORT VERSION SHOWN)
ALL DIMENSION TOLERANCES ARE ±.003/±.08
UNLESS SPECIFIED OTHERWISE



MOLEX TRADITIONAL
PIN LAYOUT (TYP)



TYP HOLE LAYOUT
(EACH PORT)



FROM TOP OF PCB
TO BOTTOM OF OPENING

RECOMMENDED PANEL
CUTOUT

NUMBER OF PORTS	DIM -B-	DIM -C-	DIM -D-	DIM -E-	DIM -F-	DIM -I-
8 (2 X 4)	2.100/53.34	1.500/38.10	2.050/52.07			2.360/59.94
12 (2 X 6)	3.200/81.28	1.500/38.10	2.050/52.07	2.600/66.04	3.150/80.01	3.460/87.88

SEE SHEET 1	EC NO: UCP2014-5436 2014/06/26 DRYKANGUYEN 2014/06/26 CHYKD:IBELL 2014/07/17 APPR:FSMITH	DESCRIPTION	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)				DIMENSION STYLE		SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION			
				mm		INCH		IN/MM		2:1	INCH	◎ □			
				4 PLACES	±---	±---	DRAWN BY	DATE	STACKED MODULAR JACK CATEGORY 5						
				3 PLACES	±---	±.010	MARGULIS	99/04/16							
				2 PLACES	±0.25	±---	CHECKED BY	DATE	molex						
				1 PLACE	±---	±---	ROBERTS	99/04/18							
				0 PLACE	±	±	APPROVED BY	DATE	SD-44520-001						
							ROBERTS	99/04/18							
				ANGULAR ±1/2°				MATERIAL NO.		DOCUMENT NO.				SHEET NO.	
				DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				SEE CHART		2 OF 2					
D1	REV			SIZE	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION										

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