

- NOTES:
- MATERIAL:
HOUSING: NYLON, GLASS FILLED, UL94V-0, COLOR: BLACK
TERMINALS: PHOSPHOR BRONZE
 - FINISH:
TERMINALS:
SELECT GOLD IN CONTACT AREA: 50 MICROINCHES / 1.27 MICROMETERS MIN.
SELECT MATTE TIN IN PC TAIL AREA: 100 MICROINCHES / 2.54 MICROMETERS MIN.,
WITH OVERALL NICKEL UNDERPLATE: 50 MICROINCHES / 1.27 MICROMETERS MIN.
 - PRODUCT SPECIFICATION: PS-44050-003.
 - PACKAGING SPECIFICATION:
UNSHIELDED CONNECTOR ASSEMBLIES IN THERMOFORMED TRAYS PER MOLEX
PACKAGING SPECIFICATION PK-44150-005.
 - MATES WITH: MODULAR PLUGS THAT CONFORM TO FCC REGULATION PART 68.5.
 - PC BOARD LAYOUTS AND PANEL CUT-OUT SHOWN ON PAGE (3) OF (3).
 - CONNECTOR AVAILABLE WITH EITHER PEG OPTION "A" (SNAP-FIT) OR PEG OPTION "B" (PRESS-FIT). THIS DRAWING SHOWS PEG OPTION "A".
 - TERMINAL LENGTHS MAY BE DIFFERENT FROM TERMINAL TO TERMINAL.
 - THIS PART CONFORMS TO CLASS B REQUIREMENTS OF COSMETIC SPECIFICATION PS-45499-002 WITH THE EXCEPTION OF THE SURFACE INDICATED WHICH IS A CLASS C SURFACE.

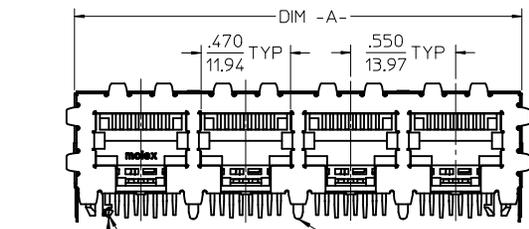
ASSEMBLY MATERIAL NUMBER	NUMBER OF PORTS	PEG OPTION	CENTER PEG	DIM -A-	DIM -D-
441500001	2	A	NO	1,200/30.48	1,000/25.40
441500017	2	B	NO	1,200/30.48	1,000/25.40
441500002	4	A	NO	2,300/58.42	2,100/53.34
441500018	4	B	NO	2,300/58.42	2,100/53.34
441500003	6	A	NO	3,400/86.36	3,200/81.28
441500019	6	B	NO	3,400/86.36	3,200/81.28
441500004	8	A	YES	4,500/114.30	4,300/109.22
441500020	8	B	YES	4,500/114.30	4,300/109.22

CHG - 0036	DESCRIPTION	QUALITY SYMBOLS
EC NO: UCP2014-0099	2013/09/17	▽=0
DRWINANGUYEN	2013/09/17	▽=0
CHKD:JBELL	2013/09/17	▽=0
APPR:FSMITH	2013/09/20	▽=0
REV		
D6		

GENERAL TOLERANCES (UNLESS SPECIFIED)	
mm	INCH
4 PLACES ± .010	± .010
3 PLACES ± .010	± .010
2 PLACES ± 0.25	± .010
1 PLACE ± .010	± .010
0 PLACE ±	±
ANGULAR ±1/2°	
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	

DIMENSION STYLE	
IN/MM	
DRAWN BY	DATE
MARANTO	98/01/21
CHECKED BY	DATE
ROBERTS	98/01/21
APPROVED BY	DATE
ROBERTS	98/01/21
MATERIAL NO.	
SEE CHART	
SIZE C	

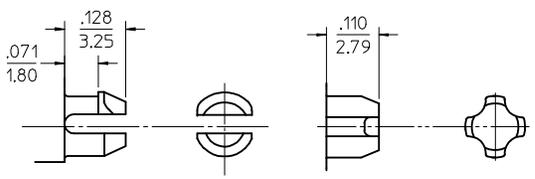
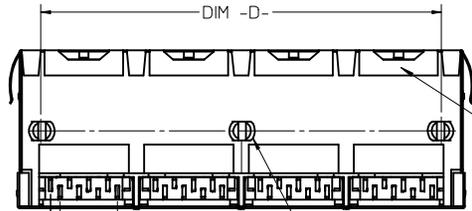
SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION
2:1	INCH	
CATEGORY 5 MODULAR JACK ASSEMBLIES, GANGED		
molex		
DOCUMENT NO.		SHEET NO.
SD-44150-002		1 OF 3
THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION		



CUTAWAY

CIRCUIT #1

REAR SHIELD CENTER GROUND TAB
SEE NOTES 8 AND 9



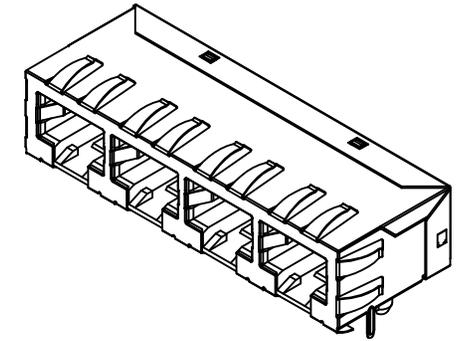
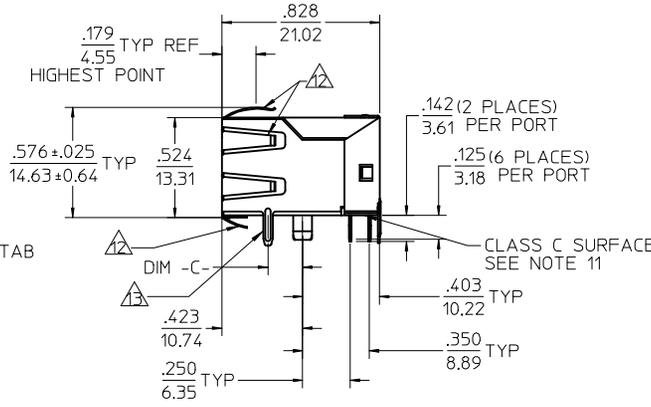
PEG OPTION 'A'

SNAP-FIT PEG
SEE NOTE #7
(SCALE NTS)

PEG OPTION 'B'

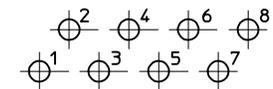
PRESS-FIT PEG
SEE NOTE #7
(SCALE NTS)

- NOTES:
- MATERIAL:
HOUSING: NYLON, GLASS FILLED, UL94V-0, COLOR: BLACK
TERMINALS: PHOSPHOR BRONZE
SHIELD: BRASS
 - FINISH:
TERMINALS:
SELECT GOLD IN CONTACT AREA: 50 MICROINCHES / 1.27 MICROMETERS MIN.,
SELECT MATTE TIN IN PC TAIL AREA: 100 MICROINCHES / 2.54 MICROMETERS MIN.,
WITH OVERALL NICKEL UNDERPLATE: 50 MICROINCHES / 1.27 MICROMETERS MIN.
SHIELD:
100 MICROINCHES / 2.54 MICROMETERS NICKEL OVER 50 MICROINCHES /
1.27 MICROMETERS COPPER UNDERPLATE, PCB GROUND TABS DIPPED IN TIN
 - PRODUCT SPECIFICATION: PS-44050-003.
 - PACKAGING SPECIFICATION:
SHIELDED CONNECTOR ASSEMBLIES IN THERMOFORMED TRAYS PER MOLEX
PACKAGING SPECIFICATION PK-44150-004.
 - MATES WITH: MODULAR PLUGS THAT CONFORM TO FCC REGULATION PART 68.5.
6) PC BOARD LAYOUTS AND PANEL CUT-OUT SHOWN ON PAGE (3) OF (3).
 - CONNECTOR AVAILABLE WITH EITHER PEG OPTION 'A' (SNAP-FIT) OR
PEG OPTION 'B' (PRESS-FIT). THIS DRAWING SHOWS PEG OPTION 'A'.
 - (4) PORT AND (8) PORT MODJACKS AVAILABLE WITH A SINGLE GROUND TAB ON REAR
OF SHIELD, LOCATED IN THE CENTER. PER THE ASSEMBLY MATERIAL NUMBER TABLE.
 - (8) PORT VERSION AVAILABLE WITH (3) GROUND TABS ON REAR OF SHIELD,
CENTERED ON THE PART, PER THE ASSEMBLY MATERIAL NUMBER TABLE.
 - TERMINAL LENGTHS MAY BE DIFFERENT FROM TERMINAL TO TERMINAL.
 - THIS PART CONFORMS TO CLASS B REQUIREMENTS OF COSMETIC SPECIFICATION
PS-45499-002 WITH THE EXCEPTION OF THE SURFACE INDICATED WHICH IS A
CLASS C SURFACE.
 - 441500036 DOES NOT HAVE TOP, SIDE, OR BOTTOM GROUND TABS &
HAS SHORTER BOTTOM FLANGES
 - 441500034 DOES NOT HAVE SIDE GROUND TABS

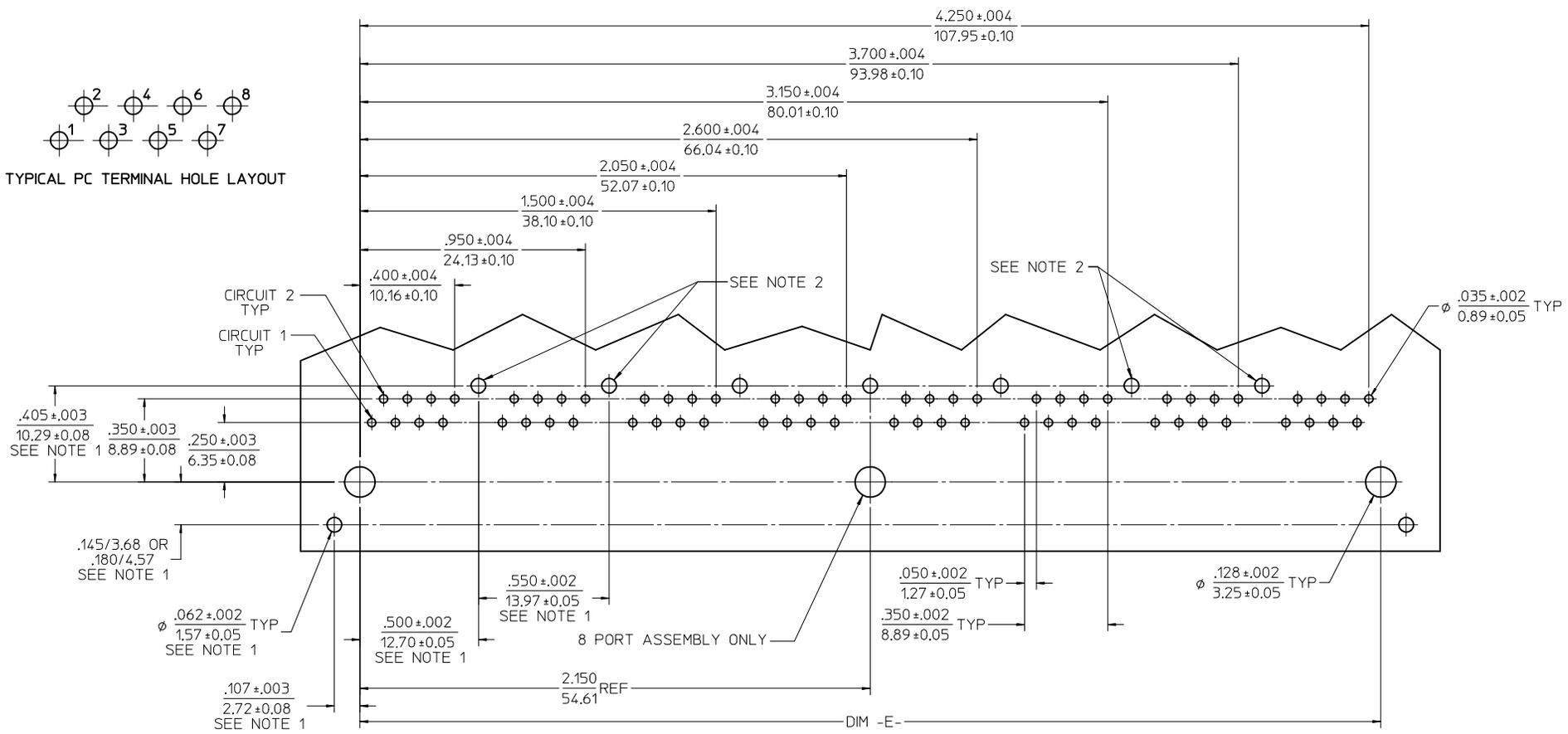


ASSEMBLY MATERIAL NUMBER	NUMBER OF PORTS	PEG OPTION	CENTER PEG	REAR SHIELD GROUND TABS	DIM -A-	DIM -C-	DIM -D-
441500005	2	A	NO	1	1.225/31.12	0.145/3.68	1.000/25.40
441500011	2	A	NO	1	1.225/31.12	0.180/4.57	1.000/25.40
441500036	2	A	NO	0	1.225/31.12	0.180/4.57	1.000/25.40
441500021	2	B	NO	1	1.225/31.12	0.145/3.68	1.000/25.40
441500027	2	B	NO	1	1.225/31.12	0.180/4.57	1.000/25.40
441500009	4	A	NO	1	2.325/59.05	0.145/3.68	2.100/53.34
441500015	4	A	NO	1	2.325/59.05	0.180/4.57	2.100/53.34
441500006	4	A	NO	3	2.325/59.05	0.145/3.68	2.100/53.34
441500012	4	A	NO	3	2.325/59.05	0.180/4.57	2.100/53.34
441500025	4	B	NO	1	2.325/59.05	0.145/3.68	2.100/53.34
441500031	4	B	NO	1	2.325/59.05	0.180/4.57	2.100/53.34
441500022	4	B	NO	3	2.325/59.05	0.145/3.68	2.100/53.34
441500028	4	B	NO	3	2.325/59.05	0.180/4.57	2.100/53.34
441500034	4	B	NO	3	2.325/59.05	N/A	2.100/53.34
441500007	6	A	NO	5	3.425/87.00	0.145/3.68	3.200/81.28
441500013	6	A	NO	5	3.425/87.00	0.180/4.57	3.200/81.28
441500023	6	B	NO	5	3.425/87.00	0.145/3.68	3.200/81.28
441500029	6	B	NO	5	3.425/87.00	0.180/4.57	3.200/81.28
441500010	8	A	YES	1	4.525/114.94	0.145/3.68	4.300/109.22
441500016	8	A	YES	1	4.525/114.94	0.180/4.57	4.300/109.22
441500033	8	A	YES	3	4.525/114.94	0.145/3.68	4.300/109.22
441500008	8	A	YES	7	4.525/114.94	0.145/3.68	4.300/109.22
441500014	8	A	YES	7	4.525/114.94	0.180/4.57	4.300/109.22
441500026	8	B	YES	1	4.525/114.94	0.145/3.68	4.300/109.22
441500032	8	B	YES	1	4.525/114.94	0.180/4.57	4.300/109.22
441500024	8	B	YES	7	4.525/114.94	0.145/3.68	4.300/109.22
441500030	8	B	YES	7	4.525/114.94	0.180/4.57	4.300/109.22

SEE SHEET 1 EC NO: UCP2014-0099 DR: WANGUYEN 2013/09/17 CHKD: J.BELL 2013/09/17 APPR: F.SMITH 2013/09/20 D6	QUALITY SYMBOLS ▽=0 ▽=0 ▽=0	GENERAL TOLERANCES (UNLESS SPECIFIED) <table border="1"> <tr><th colspan="2">mm</th><th colspan="2">INCH</th></tr> <tr><td>4 PLACES</td><td>± .010</td><td>± .0004</td><td>± .0004</td></tr> <tr><td>3 PLACES</td><td>± .010</td><td>± .0004</td><td>± .0004</td></tr> <tr><td>2 PLACES</td><td>± .025</td><td>± .0008</td><td>± .0008</td></tr> <tr><td>1 PLACE</td><td>± .050</td><td>± .0016</td><td>± .0016</td></tr> <tr><td>0 PLACE</td><td>±</td><td>±</td><td>±</td></tr> </table>	mm		INCH		4 PLACES	± .010	± .0004	± .0004	3 PLACES	± .010	± .0004	± .0004	2 PLACES	± .025	± .0008	± .0008	1 PLACE	± .050	± .0016	± .0016	0 PLACE	±	±	±	DIMENSION STYLE IN/MM	SCALE 2:1	DESIGN UNITS INCH	THIRD ANGLE PROJECTION
		mm		INCH																										
		4 PLACES	± .010	± .0004	± .0004																									
		3 PLACES	± .010	± .0004	± .0004																									
2 PLACES	± .025	± .0008	± .0008																											
1 PLACE	± .050	± .0016	± .0016																											
0 PLACE	±	±	±																											
DRAWN BY MARANTO 98/01/21		DATE 98/01/21		TITLE CATEGORY 5 MODULAR JACK ASSEMBLIES, GANGED																										
CHECKED BY ROBERTS 98/01/21		DATE 98/01/21		molex																										
APPROVED BY ROBERTS 98/01/21		DATE 98/01/21		DOCUMENT NO. SD-44150-002																										
MATERIAL NO. SEE CHART		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SHEET NO. 2 OF 3																										
THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION																														



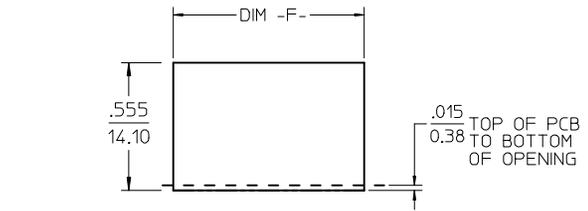
TYPICAL PC TERMINAL HOLE LAYOUT



PCB LAYOUT : COMPONENT SIDE
RECOMMENDED PCB THICKNESS : .062/1.57

- NOTES:
1. DIMENSIONS REFER TO SHIELDED ASSEMBLIES ONLY
 2. SHIELD PCB GROUND TAB HOLES SPECIFIED NOT PRESENT FOR 441500033 USAGE

NUMBER OF PORTS	DIM -E-	DIM -F-
2	1.000/25.40	1.255/31.88
4	2.100/53.34	2.355/59.82
6	3.200/81.28	3.455/87.86
8	4.300/109.22	4.555/115.70



SUGGESTED PANEL OPENING
SHIELDED VERSIONS

SEE SHEET 1 EC NO: UCP2014-0099 DRW: NGUYEN CHKD: BELL APPR: F. SMITH	QUALITY SYMBOLS 	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE IN/MM		SCALE	DESIGN UNITS INCH	THIRD ANGLE PROJECTION	
		4 PLACES ± --- ± ---	3 PLACES ± --- ± .010	DRAWN BY MARANTO	DATE 98/01/21	TITLE CATEGORY 5 MODULAR JACK ASSEMBLIES, GANGED			
		2 PLACES ± .025 ± ---	1 PLACE ± --- ± ---	CHECKED BY ROBERTS	DATE 98/01/21	APPROVED BY ROBERTS			
		0 PLACE ± ±	ANGULAR ±1/2°	MATERIAL NO. SEE CHART		DOCUMENT NO. SD-44150-002	SHEET NO. 3 OF 3		
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		molex					