

Excellent Integrated System Limited

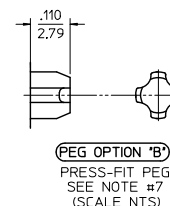
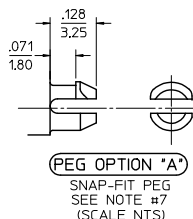
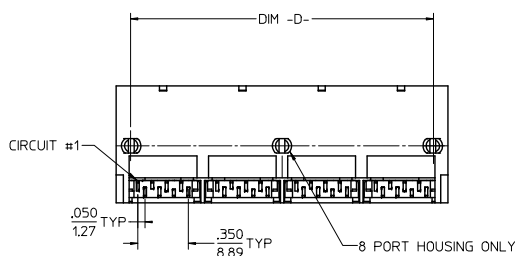
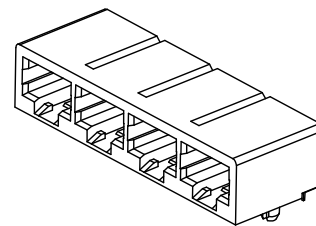
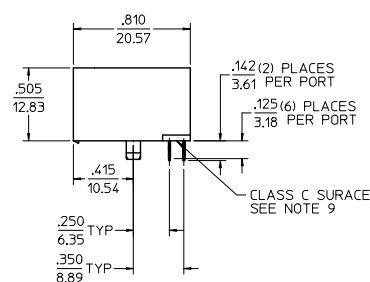
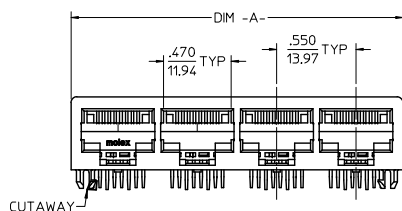
Stocking Distributor

Click to view price, real time Inventory, Delivery & Lifecycle Information:

[Molex Connector Corporation](#)
[0441500017](#)

For any questions, you can email us directly:

sales@integrated-circuit.com

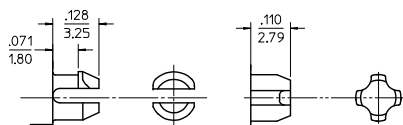
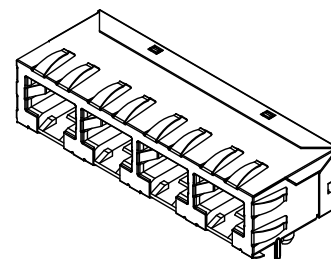


NOTES:

- 1) MATERIAL:
HOUSING: NYLON, GLASS FILLED, UL94V-0, COLOR: BLACK
TERMINALS: PHOSPHOR BRONZE
- 2) 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.
- 3) PRODUCT SPECIFICATION: PS-44050-003.
- 4) PACKAGING SPECIFICATION:
UNSIELDED CONNECTOR ASSEMBLIES IN THERMOFORMED TRAYS PER MOLEX
PACKAGING SPECIFICATION PK-44150-005.
- 5) 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).
- 7) CONNECTOR AVAILABLE WITH EITHER PEG OPTION 'A' (SNAP-FIT) OR PEG OPTION 'B' (PRESS-FIT). THIS DRAWING SHOWS PEG OPTION 'A'.
- 8) TERMINAL LENGTHS MAY BE DIFFERENT FROM TERMINAL TO TERMINAL.
- 9) 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

ADD -0037 EC NO: UCP2014-5068 DR: NAWANGHUN CHKD: BELL APPR: SMITH DATE: 2014/06/03 2014/06/03 2014/06/03 2014/06/03	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE		SCALE	DESIGN UNITS	 THIRD ANGLE PROJECTION
				IN/MM		2:1	INCH	
		   	mm	INCH	DRAWN BY	DATE	TITLE	
			4 PLACES ± .005	± .005	MARANTO	98/01/21	CATEGORY 5 MODULAR JACK ASSEMBLIES, GANGED	
			3 PLACES ± .010	± .010	CHECKED BY	DATE		
			2 PLACES ± 0.25	± .010	ROBERTS	98/01/21		
			1 PLACE ± .005	± .005	APPROVED BY	DATE		
		0 PLACE ± .005	± .005	ROBERTS	98/01/21			
		ANGULAR ± 1/2°		MATERIAL NO.	DOCUMENT NO.	SD-44150-002		
		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SEE CHART				
THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION								



(PEG OPTION "B")

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

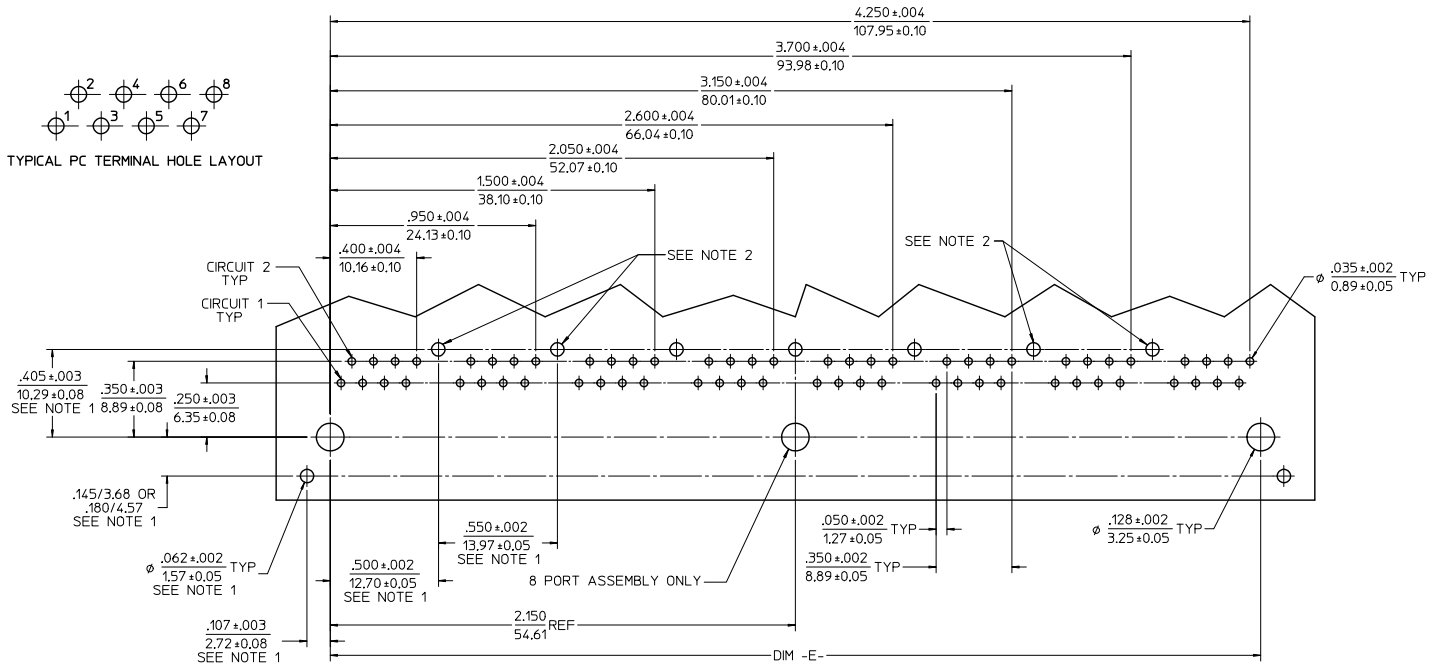
- (SCALE NTS) (SCALE NTS)
- 1) MATERIAL:
HOUSING: NYLON, GLASS FILLED, UL94V-0. COLOR: BLACK
TERMINALS: PHOSPHOR BRONZE
SHIELD: BRASS
- 2) FINISH:
TERMINALS:
SELECT GOLD IN CONTACT AREA: 50 MICRONS / .127 MICROMETERS MIN.,
SELECT MATTE TIN IN PC TAIL AREA: 100 MICRONS / 2.54 MICROMETERS MIN.,
WITH OVERALL NICKEL UNDERPLATE: 50 MICRONS / .127 MICROMETERS MIN.
SHIELD:
100 MICRONS / 2.54 MICROMETERS NICKEL OVER 50 MICRONS /
.127 MICROMETERS COPPER UNDERPLATE, PCB GROUND TABS DIPPED IN TIN
- 3) PRODUCT SPECIFICATION: PS-44050-003.
- 4) PACKAGING SPECIFICATION:
SHIELDED CONNECTOR ASSEMBLIES IN THERMOFORMED TRAYS PER MOLEX
PACKAGING SPECIFICATION PK-4450-004.
- 5) 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).
- 7) CONNECTOR AVAILABLE WITH EITHER PEG OPTION 'A' (SNAP-FIT) OR
PEG OPTION 'B' (PRESS-FIT). THIS DRAWING SHOWS PEG OPTION 'A'.
- 8) (4) PORT AND (2) PORT MODJACKS AVAILABLE WITH A SINGLE GROUND TAB ON REAR
OF SHIELD, LOCATED IN THE CENTER, PER THE ASSEMBLY MATERIAL NUMBER TABLE.
- 9) (8) PORT VERSION AVAILABLE WITH (3) GROUND TABS ON REAR OF SHIELD,
CENTERED ON THE PART, PER THE ASSEMBLY MATERIAL NUMBER TABLE.
- 10) TERMINAL LENGTHS MAY BE DIFFERENT FROM TERMINAL TO TERMINAL.
- 11) THIS PART CONFORMS TO CLASS B REQUIREMENTS OF COSMETIC SPECIFICATION
PS-4499-002 WITH THE EXCEPTION OF THE SURFACE INDICATED WHICH IS A
CLASS C SURFACE.
- △ 44500036 DOES NOT HAVE TOP, SIDE, OR BOTTOM GROUND TABS &
HAS SHORTER BOTTOM FLANGES
- △ 44500034 DOES NOT HAVE SIDE GROUND TABS
- △ 44500037 DOES NOT HAVE BOTTOM 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
12 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
14 441500037	4	A	NO	0	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
13 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

X = NOT TOOLED

SEE SHEET 1 EC NO: UC2042-5068 DRAWING: 2014/06/03 CHKD: BELL APPR: SMITH 2014/06/03 2014/06/04 2014/09/04	QUALITY SYMBOLS ▽=0 ▽=0 ▽=0	DESCRIPTION	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE		SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION	
					IN/MM		2:1	INCH		
			mm INCH		DRAWN BY	DATE	TITLE			
			4 PLACES ± ±		MARANTO	98/01/21	CATEGORY 5 MODULAR JACK ASSEMBLIES, GANGED			
			3 PLACES ± ±		CHECKED BY	DATE				
			2 PLACES ± ±		ROBERTS	98/01/21				
			1 PLACE ± ±		APPROVED BY	DATE				
			0 PLACE ± ±		ROBERTS	98/01/21				
			ANGULAR ±1/2°		MATERIAL NO.	DOCUMENT NO.				
			DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SEE CHART	SD-44150-002		2 OF 3		SHEET NO.
D7	REV	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION								

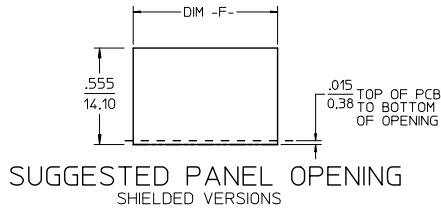
TYPICAL PC TERMINAL HOLE LAYOUT



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

SEE SHEET 1 EC NO: UCP2014-5068 DRWNGUEN CHKD: BELL APPR: SMITH D7	2014/06/03 2014/06/03 2014/06/04	DESCRIPTION ▽=0 ▽=0 ▽=0	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)				DIMENSION STYLE		SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION	CATEGORY 5 MODULAR JACK ASSEMBLIES, GANGED molex SD-44150-002 3 OF 3
					IN/MM			INCH					
	mm			INCH		DRAWN BY	DATE	TITLE					
	4 PLACES ±			±		MARANTO	98/01/21						
	3 PLACES ±			±.010		CHECKED BY	DATE						
	2 PLACES ±			±.025		ROBERTS	98/01/21						
	1 PLACE ±			±		APPROVED BY	DATE						
	0 PLACE ±			±		ROBERTS	98/01/21						
	ANGULAR ±1/2°				MATERIAL NO.		DOCUMENT NO.						
	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				SEE CHART		SD-44150-002						