

Excellent Integrated System Limited

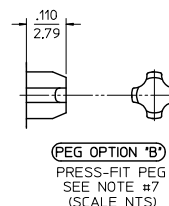
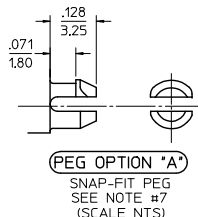
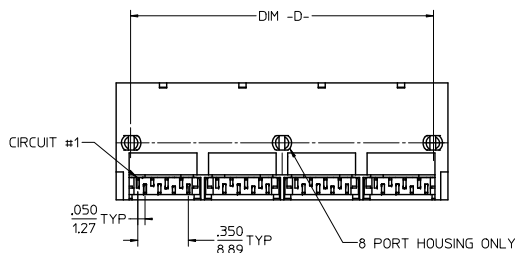
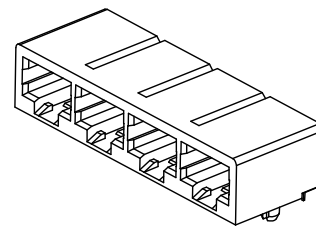
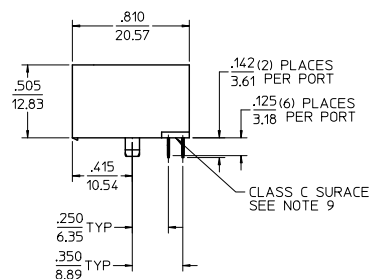
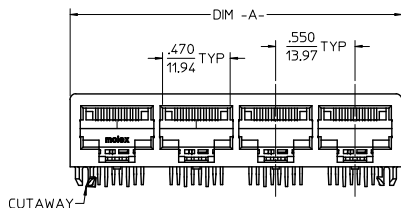
Stocking Distributor

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

[Molex Connector Corporation](#)
[0441500015](#)

For any questions, you can email us directly:

sales@integrated-circuit.com

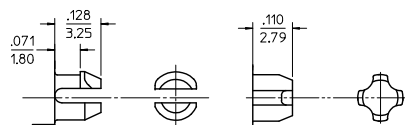
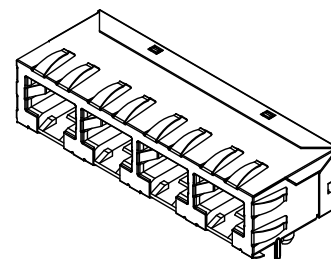


NOTES:

- 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:
UNSHIELDED 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 DRAWN BY: DRWANGUYEN CHKD: BELL APPROV: SMH D7	2014/06/03 2014/06/03 2014/06/04	QUALITY SYMBOLS ▽=0 ▽=0 ▽=0	GENERAL TOLERANCES (UNLESS SPECIFIED) mm INCH 4 PLACES ± ± 3 PLACES ± ±.010 2 PLACES ±.025 ± 1 PLACE ± ± 0 PLACE ± ± ANGULAR ±1/2° DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	DIMENSION STYLE IN/MM		SCALE 2:1	DESIGN UNITS INCH	THIRD ANGLE PROJECTION	CATEGORY 5 MODULAR JACK ASSEMBLIES, GANGED molex SD-44150-002 1 OF 3
	DRAWN BY MARANTO			DATE 98/01/12	TITLE 				



(PEG OPTION "B")

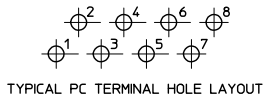
PRESS-FIT PEG
SEE NOTE #7
(SCALE NTS)

- (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

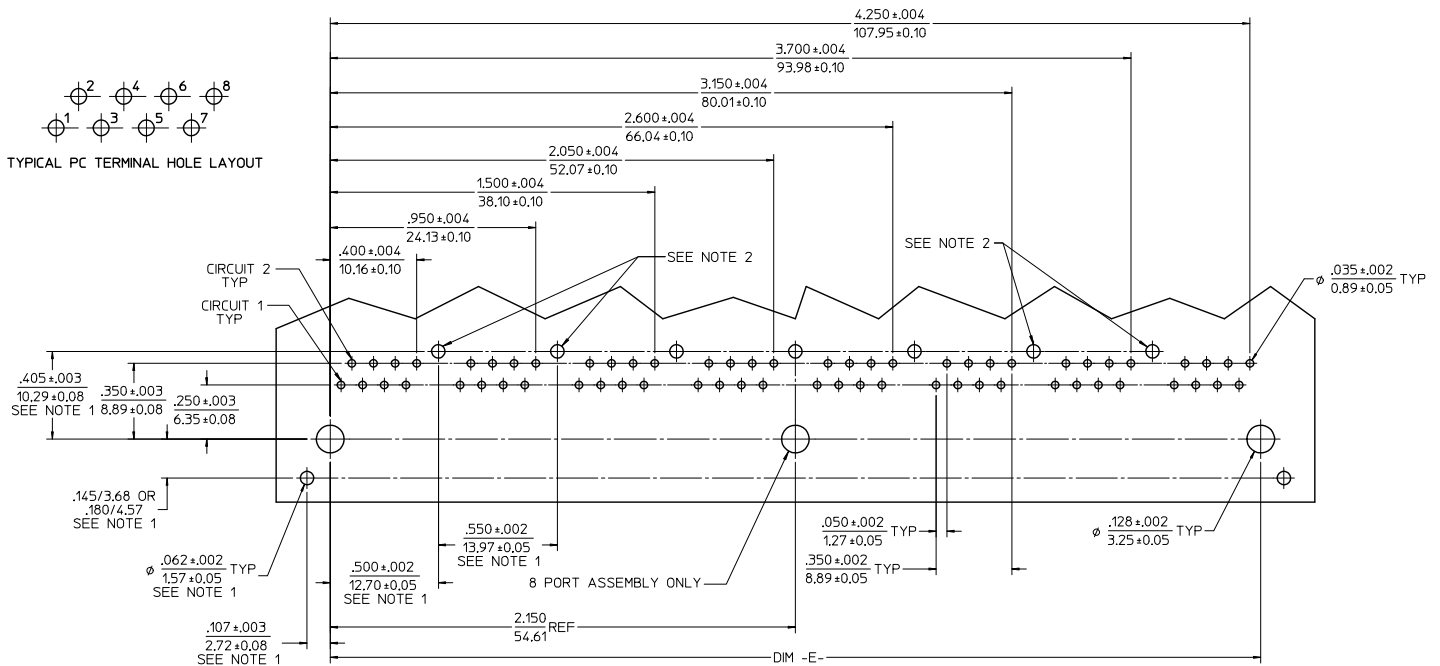
ASSEMBLY MATERIAL NUMBER	NUMBER OF PORTS	PEG OPTION	CENTER PEG	REAR SHIELD GROUND TABS	DIM -A-	DIM -C-	DIM -D-
441500005	2	A	NO	1	1,225/31,12	0,145/3,68	1,000/25,40
441500011	2	A	NO	1	1,225/31,12	0,180/4,57	1,000/25,40
 441500036	2	A	NO	0	1,225/31,12	0,180/4,57	1,000/25,40
441500021	2	B	NO	1	1,225/31,12	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
 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
 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 DWG NO: UCJ0204-5068 DRAWN/GIVEN 2014/06/03 CHKD/BELL 2014/09/04 APPROF/SMITH 2014/09/04	DESCRIPTION	QUALITY SYMBOLS ▽=0 ◇=0 ▽=0	X = "NOT TOLERED"		DIMENSION STYLE		SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION
			GENERAL TOLERANCES (UNLESS SPECIFIED)		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 ±	± .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.	SHEET NO.		
			DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SEE CHART		SD-44150-002		2 OF 3
DZ	REV		SIZE	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION					



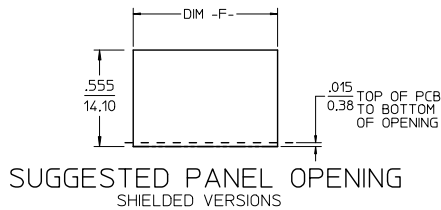
TYPICAL PC TERMINAL HOLE LAYOUT



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 DRAWN: NGUYEN 2014/06/03 CHKD: BELL 2014/06/03 APPR: F.HILL 2014/09/04	DESCRIPTION	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE		SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION	
					IN/MM			INCH		
		▽=0	mm	INCH	DRAWN BY	DATE	TITLE	CATEGORY 5 MODULAR JACK ASSEMBLIES, GANGED		
		▽=0	4 PLACES ±	±	MARANTO	98/01/21				
		▽=0	3 PLACES ±	± .010	CHECKED BY	DATE				
		▽=0	2 PLACES ±	± 0.25	ROBERTS	98/01/21				
			1 PLACE ±	±	APPROVED BY	DATE	molex			
			0 PLACE ±	±	ROBERTS	98/01/21				
			ANGULAR ± 1/2°		MATERIAL NO.					DOCUMENT NO.
		D7		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SEE CHART		SD-44150-002		3 OF 3
		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION								