

Excellent Integrated System Limited

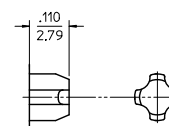
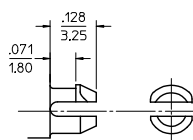
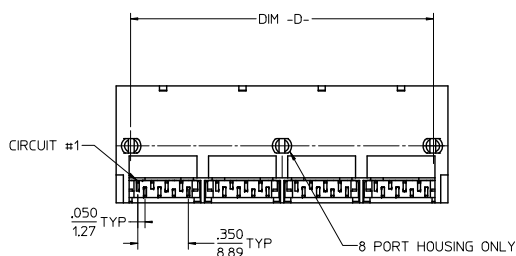
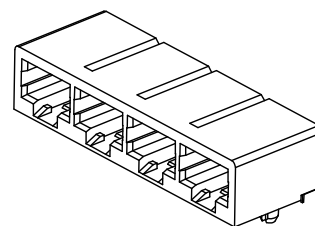
Stocking Distributor

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

[Molex Connector Corporation](#)
[0441500013](#)

For any questions, you can email us directly:

sales@integrated-circuit.com



(PEG OPTION "A")

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

(PEG OPTION 'B')

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

NOTES:

NOTES:
1) MATERIAL:
HOUSING: NYLON, GLASS FILLED, UL94V-0, COLOR: BLACK
TERMINALS: PHOSPHOR BRONZE

2) FINISH:
TERMINAL S.

TERMINALS:
SELECT GOLD IN CONTACT AREA: 50 MICRONS / 127 MICROMETERS MIN.,
SELECT MATTE TIN IN PC TAIL AREA: 100 MICRONS / 254 MICROMETERS MIN.,
WITH OVERALL NICKEL UNDERPLATE: 50 MICRONS / 127 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

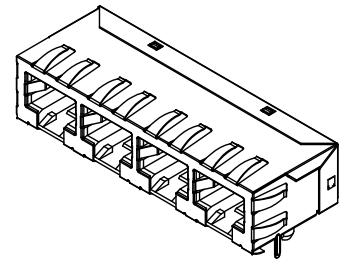
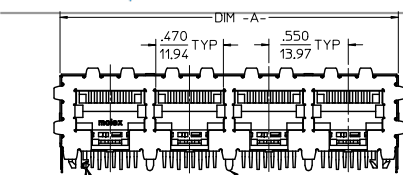
ADD - 0037 EC NO: UC20104-5068 DOWNAMNGUYEN CHKO-JBELL APPROF:JELL 2014/06/03 2014/06/03 2014/09/04	DESCRIPTION QUALITY SYMBOLS ▽=0 ▽=0 ▽=0	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE		SCALE	DESIGN UNITS	THIRD ANGLE	
		mm	INCH	IN/MM		2:1	INCH	PROJECTION	
		4 PLACES ±	±	DRAWN BY	DATE	CATEGORY 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	MATERIAL NO.		DOCUMENT NO.	SHEET NO.
		ANGULAR ±1/2°		SEE CHART		SD-44150-002		1 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					
		SIZE ()							

CATEGORY 5 MODULAR JACK
ASSEMBLIES, GANGED

molex

DOCUMENT No. SD-44150-002

SHEET NO.
1 OF 3



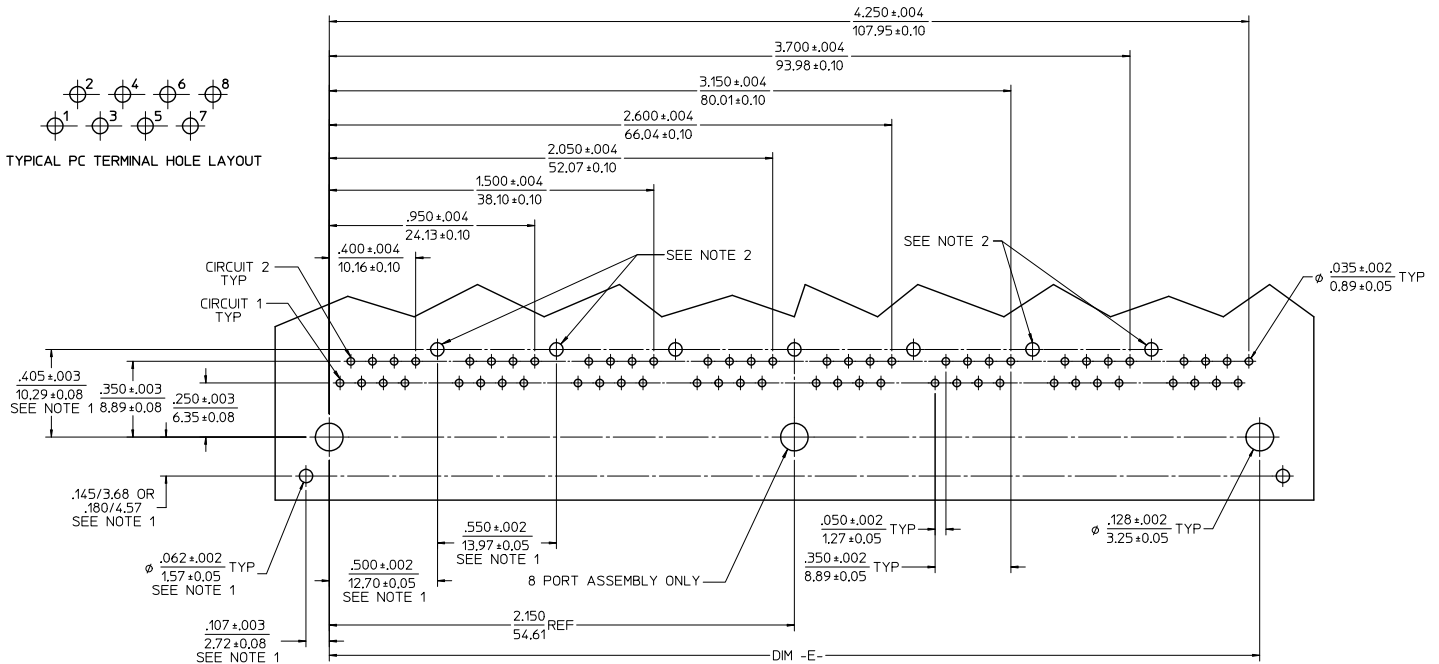
ASSEMBLY MATERIAL NUMBER	NUMBER OF PORTS	PEG OPTION	CENTER PEG	REAR SHIELD GROUND TABS	DIM -A-	DIM -C-	DIM -D-
441500005	2	A	NO	1	1.225/31.12	0.145/3.68	1.000/25.40
441500011	2	A	NO	1	1.225/31.12	0.180/4.57	1.000/25.40
441500036	2	A	NO	0	1.225/31.12	0.180/4.57	1.000/25.40
441500021	2	B	NO	1	1.225/31.12	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

NOTES:

- 1) MATERIAL:
HOUSING: NYLON, GLASS FILLED, UL94V-0, COLOR: BLACK
TERMINALS: PHOSPHOR BRONZE
SHIELD: BRASS
- 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.
SHIELD:
100 MICROINCHES / 2.54 MICROMETERS NICKEL OVER 50 MICROINCHES /
1.27 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-44150-004.
- 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 (8) 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-45499-002 WITH THE EXCEPTION OF THE SURFACE INDICATED WHICH IS A
CLASS C SURFACE.
- 12) 441500036 DOES NOT HAVE TOP, SIDE, OR BOTTOM GROUND TABS &
HAS SHORTER BOTTOM FLANGES
- 13) 441500034 DOES NOT HAVE SIDE GROUND TABS
- 14) 441500037 DOES NOT HAVE BOTTOM GROUND TABS

SEE SHEET 1 EC NO: UCP2014-5068 DRAWING NO: 2014/06/03 CHKD: J.BELL APPROVED BY: 2014/09/04	QUALITY SYMBOLS ▽=0 ▽=0 ▽=0	GENERAL TOLERANCES (UNLESS SPECIFIED)	DIMENSION STYLE		SCALE	DESIGN UNITS	 THIRD ANGLE PROJECTION
			IN/MM		2:1	INCH	
			DRAWN BY DATE		TITLE		
			MARANTO 98/01/21		CATEGORY 5 MODULAR JACK ASSEMBLIES, GANGED		
			CHECKED BY DATE				
			ROBERTS 98/01/21				
			APPROVED BY DATE				
			ROBERTS 98/01/21				
			MATERIAL NO.		DOCUMENT NO.		
			SD-44150-002		SHEET NO. 2 OF 3		
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					

TYPICAL PC TERMINAL HOLE LAYOUT



SUGGESTED PANEL OPENING
SHIELDED VERSIONS

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

REV	DESCRIPTION	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE		SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION	TITLE	DOCUMENT NO.	SHEET NO.
			mm	INCH	IN/MM	DATE						
1	SEE SHEET 1											
2	EC NO: UCP2014-5068											
3	2014/06/03											
4	2014/06/03											
5	2014/06/03											
6	2014/06/03											
7	2014/06/03											
8	2014/06/03											
9	2014/06/03											
10	2014/06/03											
11	2014/06/03											
12	2014/06/03											