

Excellent Integrated System Limited

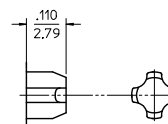
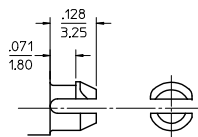
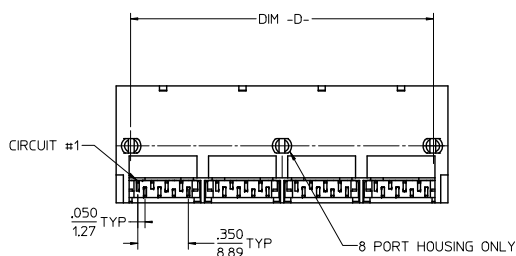
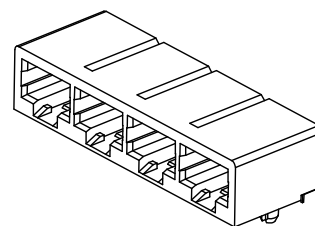
Stocking Distributor

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

[Molex Connector Corporation](#)
[0441500021](#)

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:

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

2) FINISH:
TERMINAL S.

TERMINALS:
SELECT GOLD IN CONTACT AREA: 50 MICROINCHES / 127 MICROMETERS MIN.,
SELECT MATTE TIN IN PC TAIL AREA: 100 MICROINCHES / 2.54 MICROMETERS MIN.,
WITH OVERALL NICKEL UNDERPLATE: 50 MICROINCHES / 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: UCP2014-5068 DRWNINGEN 2014/06/03 CHKD: JELL 2014/08/03 APPR: SMTH 2014/09/04	QUALITY SYMBOLS DESCRIPTION 	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE		SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION		
		mm	INCH	IN/MM		2:1	INCH			
		4 PLACES ±	±	DRAWN BY	DATE	CATEGORY 5 MODULAR JACK ASSEMBLIES, GANGED				
		3 PLACES ±	± .010	CHECKED BY	DATE					
		2 PLACES ±	± 0.25	ROBERTS	98/01/21					
		1 PLACE ±	±	APPROVED BY	DATE					
		0 PLACE ±	±	ROBERTS	98/01/21					
		ANGULAR ±1/2°		MATERIAL NO.		DOCUMENT NO.		SD-44150-002		
		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					
		D7		SEE CHART		1 OF 3				

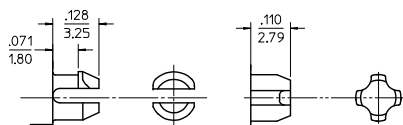
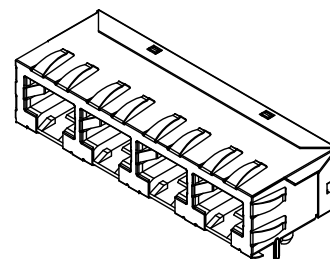
CATEGORY 5 MODULAR JACK
ASSEMBLIES, GANGED

molex

SFF CHART

SD-44150-002

SHEET NO.
1 OF 3



(PEG OPTION "B")

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

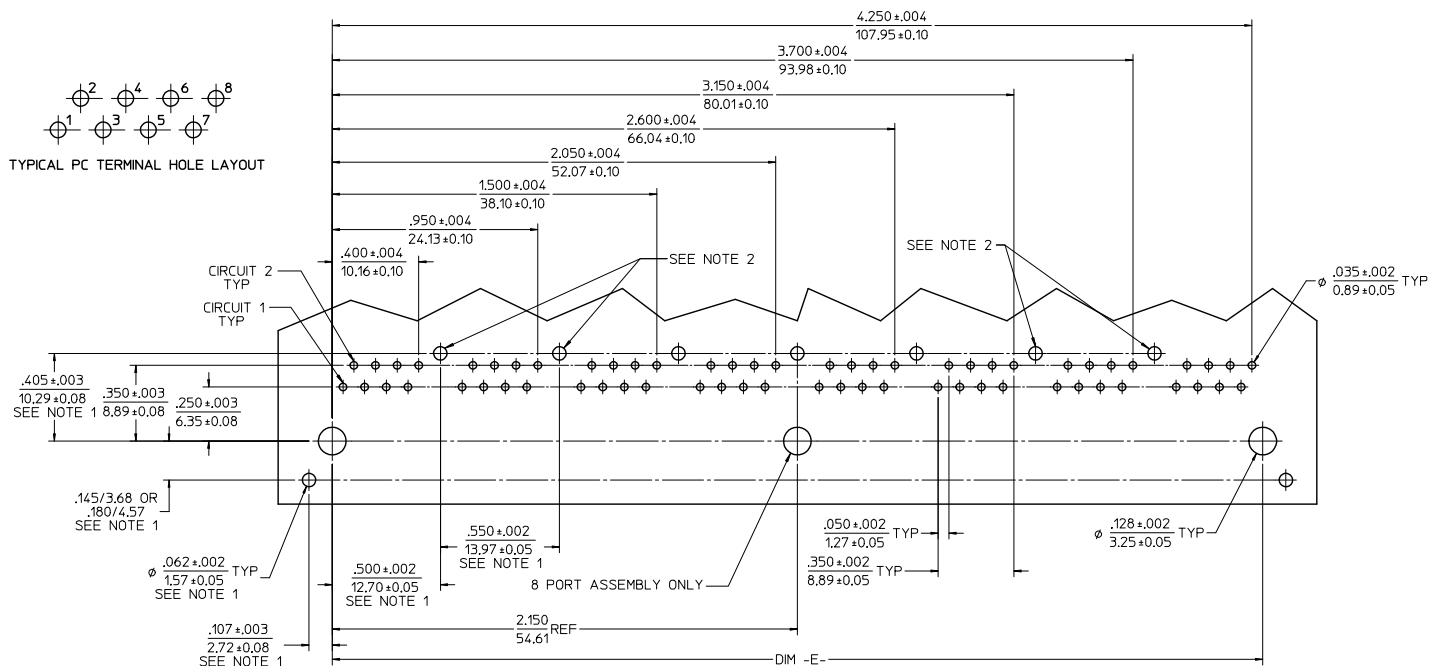
- 1) MATERIAL:
Housing: NYLON, GLASS FILLED, UL94V-0, COLOR: BLACK
TERMINALS: PHOSPHOR BRONZE
SHIELD: BRASS
- 2) FINISH:
TERMINALS:
SELECT GOLD IN CONTACT AREA: 50 MICROINCHES / 127 MICROMETERS MIN.,
SELECT MATTE TIN IN PC TAIL AREA: 50 MICROINCHES / 2.54 MICROMETERS MIN.,
WITH OVERALL NICKEL UNDERPLATE: 50 MICROINCHES / 127 MICROMETERS MIN.
SHIELD:
100 MICROINCHES / 2.54 MICROMETERS NICKEL OVER 50 MICROINCHES /
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-44500-004.
- 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-44599-002 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
- △ 441500037 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 EC NO: UC2042-5068 DRAWINGVEN CHKD: BELL APPR: SMTH 2014/06/03 2014/06/03 2014/09/04	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE IN/MM		SCALE 2:1	DESIGN UNITS INCH	THIRD ANGLE PROJECTION
	▽=0	4 PLACES ±	mm INCH	DRAWN BY	DATE	TITLE		
	▽=0	3 PLACES ±	±	MARANTO	98/01/21	CATEGORY 5 MODULAR JACK ASSEMBLIES, GANGED		
	▽=0	2 PLACES ±	± .010	CHECKED BY	DATE			
		2 PLACES ±	± 0.25	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		SHEET NO. 2 OF 3
	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



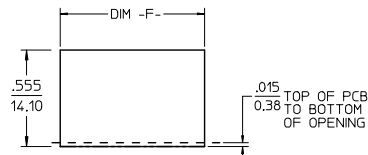
PCB LAYOUT : COMPONENT SIDE
RECOMMENDED PCB THICKNESS : .062/1.57

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

SUGGESTED PANEL OPENING
SHIELDED VERSIONS



SEE SHEET 1 EC NO: UCP2014-5068 DRAWN BY: DRWANGUYEN CHKD: BELL APPRO: SMITH D7	2014/06/03	QUALITY SYMBOLS ▽=0 ▽=0 ▽=0	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE		SCALE	DESIGN UNITS	 THIRD ANGLE PROJECTION
	2014/06/03		mm	INCH	IN/MM		INCH		
	2014/09/04		4 PLACES ± .010	± .010	DRAWN BY	DATE	TITLE		
			3 PLACES ± .010	± .010	CHECKED BY	DATE	CATEGORY 5 MODULAR JACK ASSEMBLIES, GANGED		
			2 PLACES ± 0.25	± .010	ROBERTS	98/01/21			
			1 PLACE ± .010	± .010	APPROVED BY	DATE			
			0 PLACE ± .010	± .010	ROBERTS	98/01/21			
REV	DESCRIPTION	ANGULAR ± 1/2°		MATERIAL NO.	DOCUMENT NO.	SHEET NO.			
	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	SIZE	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									