

Excellent Integrated System Limited

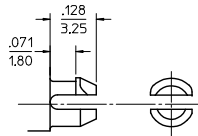
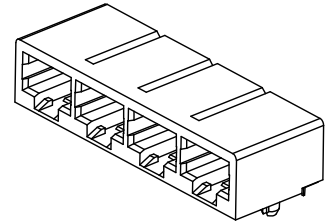
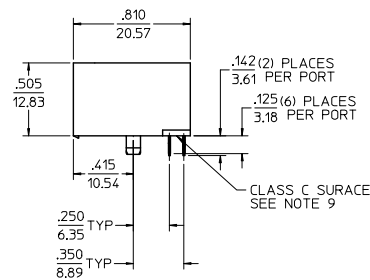
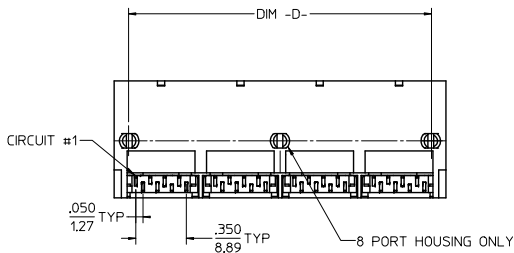
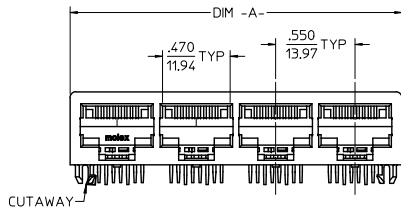
Stocking Distributor

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

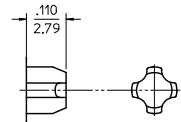
[Molex Connector Corporation](#)
[0441500018](#)

For any questions, you can email us directly:

sales@integrated-circuit.com



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



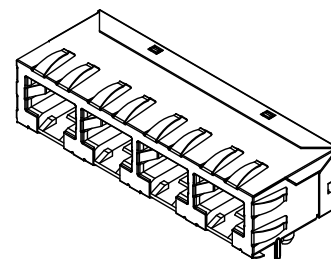
PEG OPTION 'B'
PRESS-FIT PEG
SEE NOTE #7
(SCALE NTS)

NOTES:

- 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

ADD -0037 EC NO: UCP2014-5068 DRAWN:NGUYEN CHKD: BELL APPROV:SMITH	DESCRIPTION	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE	SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION			
					IN/MM	2:1	INCH				
			▽=0	mm	INCH	DRAWN BY	DATE	TITLE CATEGORY 5 MODULAR JACK ASSEMBLIES, GANGED			
			▽=0	4 PLACES ± .005	MARANTO	98/01/21					
			▽=0	3 PLACES ± .010	CHECKED BY	DATE	molex				
			▽=0	2 PLACES ± 0.25	ROBERTS	98/01/21					
			▽=0	1 PLACE ± .005	APPROVED BY	DATE	SD-44150-002				
			▽=0	0 PLACE ± .005	ROBERTS	98/01/21					
			ANGULAR ±1/2°		MATERIAL NO.						DOCUMENT NO.
			DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SEE CHART		1 OF 3				
D7	REV	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION									



NOTES: SEE NOTE #/ (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: 100 MICROINCHES / 254 MICROMETERS MIN.,
WITH OVERALL NICKEL UNDERPLATE: 50 MICROINCHES / 127 MICROMETERS MIN.
SHIELD:
100 MICROINCHES / 254 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-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.

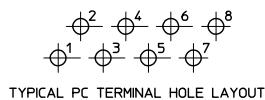
11) THIS PART CONFORMS TO CLASS B REQUIREMENTS OF COSMETIC SPECIFICATION
PS-45699-002 WITH THE EXCEPTION OF THE SURFACE INDICATED WHICH IS A
CLASS C SURFACE.

△ 441500036 DOES NOT HAVE TOP, SIDE, OR BOTTOM GROUND TABS &
HAS SHORTER BOTTOM FLANGES

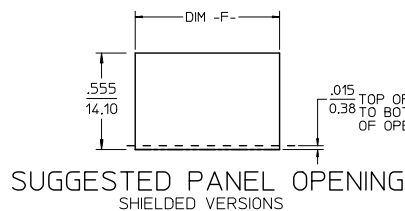
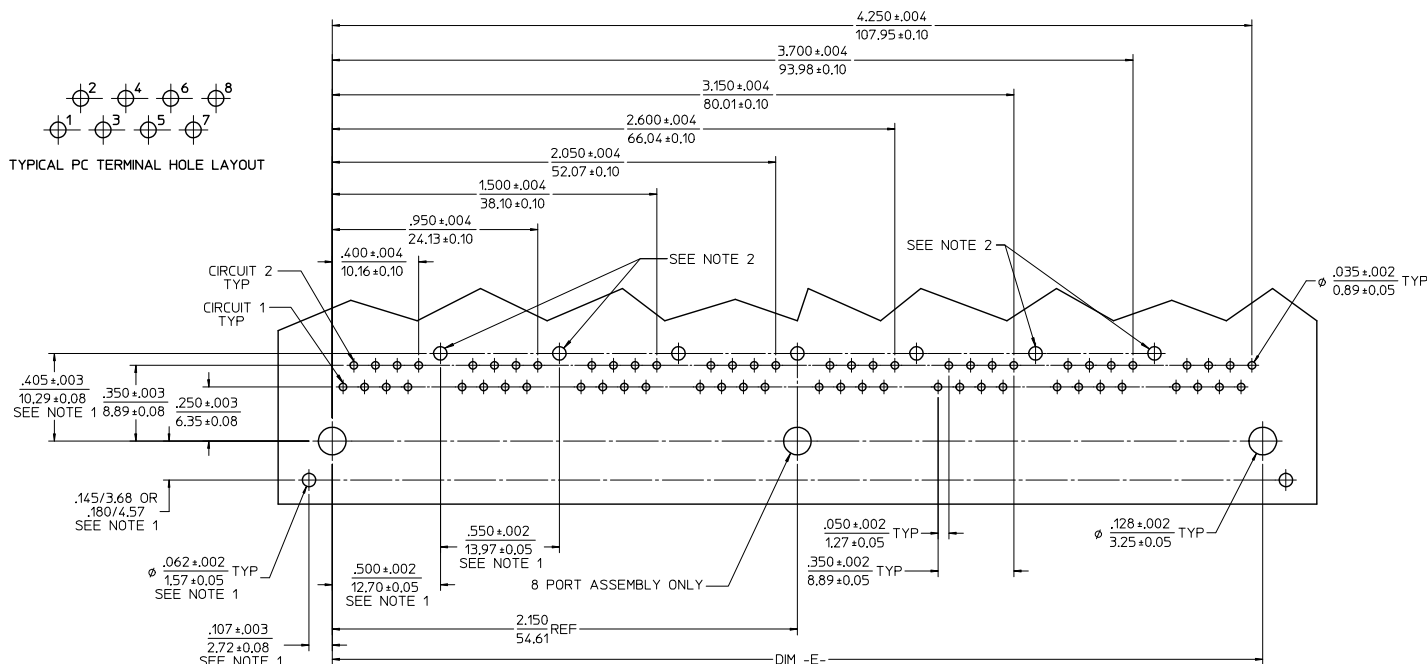
△ 441500034 DOES NOT HAVE SIDE GROUND TABS

△ 441500037 DOES NOT HAVE BOTTOM GROUND TABS

SEE SHEET 1 EC NO: UC2014-5068 DRWINGVEN CHKD: BELL 2014/06/03 2014/09/04 APPR: SM TH 2014/09/04	QUALITY SYMBOLS 	X = "NOT TOLERU"		DIMENSION STYLE		SCALE	DESIGN UNITS	THIRD ANGLE	
		(UNLESS SPECIFIED)		IN/MM		2:1	INCH	PROJECTION	
		mm	INCH	DRAWN BY	DATE	TITLE	CATEGORY 5 MODULAR JACK ASSEMBLIES, GANGED SD-44150-002		
		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.		SHEET NO.	
		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SEE CHART		INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION		2 OF 3	
D7	REV								



TYPICAL PC TERMINAL HOLE LAYOUT



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