

## Excellent Integrated System Limited

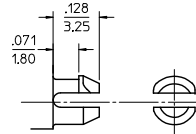
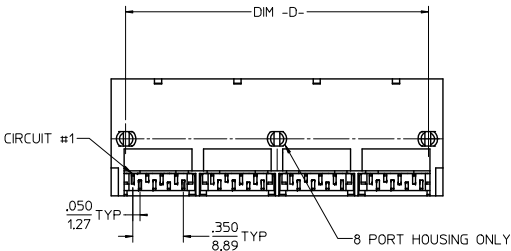
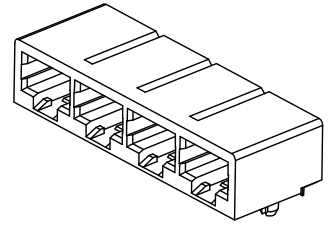
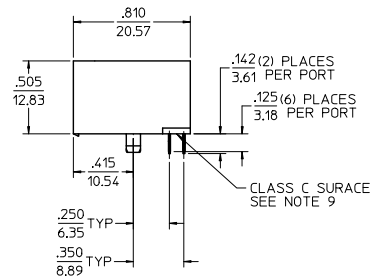
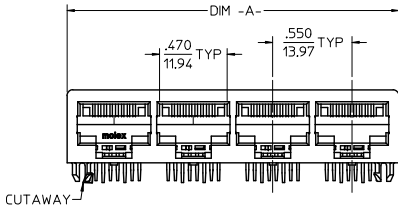
Stocking Distributor

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

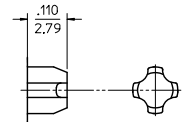
[Molex Connector Corporation](#)  
[0441500009](#)

For any questions, you can email us directly:

[sales@integrated-circuit.com](mailto:sales@integrated-circuit.com)



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

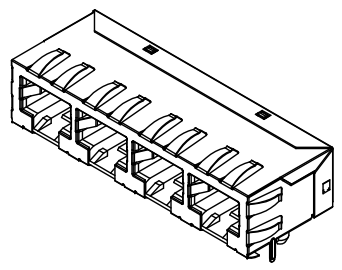
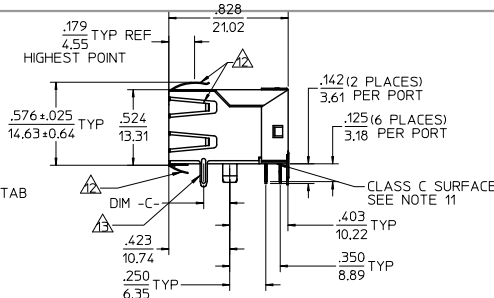
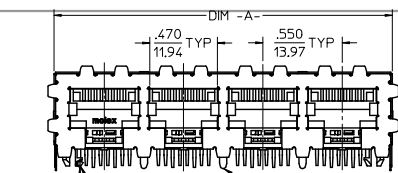


PEG OPTION 'B'  
PRESS-FIT PEG  
SEE NOTE #7  
(SCALE NTS)

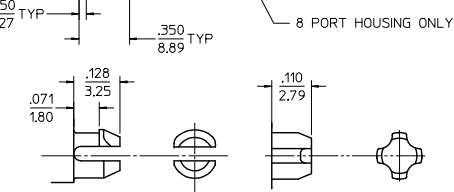
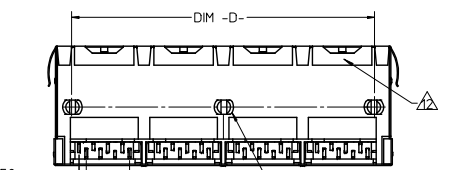
- NOTES:
- MATERIAL:  
HOUSING: NYLON, GLASS FILLED, UL94V-0, COLOR: BLACK  
TERMINALS: PHOSPHOR BRONZE
  - FINISH:  
TERMINALS:  
SELECT GOLD IN CONTACT AREA: 50 MICROINCHES / 1.27 MICROMETERS MIN.  
SELECT MATTE TIN IN PC TAIL AREA: 100 MICROINCHES / 2.54 MICROMETERS MIN.  
WITH OVERALL NICKEL UNDERPLATE: 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: UCF2014-5068 DRAWN BY: DRW:WINGUEN 2014/06/03 CHKD: J.BELL 2014/06/03 APPROVED BY: APPR:SMITH 2014/09/04	QUALITY SYMBOLS ▽=0 ▽=0 ▽=0	GENERAL TOLERANCES (UNLESS SPECIFIED) mm INCH 4 PLACES ± --- ± --- 3 PLACES ± --- ± .010 2 PLACES ± 0.25 ± --- 1 PLACE ± --- ± --- 0 PLACE ± ±	DIMENSION STYLE IN/MM	SCALE 2:1	DESIGN UNITS INCH	THIRD ANGLE PROJECTION	TITLE CATEGORY 5 MODULAR JACK ASSEMBLIES, GANGED	molex	SHEET NO. 1 OF 3
D7	REV	ANGULAR ±1/2° DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	SIZE C	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION					



CUTAWAY - CIRCUIT #1  
REAR SHIELD CENTER GROUND TAB  
SEE NOTES 8 AND 9



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

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

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

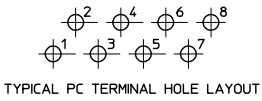
- NOTES:
- MATERIAL:  
HOUSING: NYLON, GLASS FILLED, UL94V-0, COLOR: BLACK  
TERMINALS: PHOSPHOR BRONZE  
SHIELD: BRASS
  - FINISH:  
TERMINALS:  
SELECT GOLD IN CONTACT AREA: 50 MICROINCHES / 1.27 MICROMETERS MIN.  
SELECT MATTE TIN IN PC TAIL AREA: 100 MICROINCHES / 2.54 MICROMETERS MIN.  
WITH OVERALL 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
  - PRODUCT SPECIFICATION: PS-44050-003.
  - PACKAGING SPECIFICATION:  
SHIELDED CONNECTOR ASSEMBLIES IN THERMOFORMED TRAYS PER MOLEX PACKAGING SPECIFICATION PK-44150-004.
  - 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'.
  - (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.
  - (8) PORT VERSION AVAILABLE WITH (3) GROUND TABS ON REAR OF SHIELD, CENTERED ON THE PART, PER THE ASSEMBLY MATERIAL NUMBER TABLE.
  - 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.
  - 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

X = NOT TOOLED

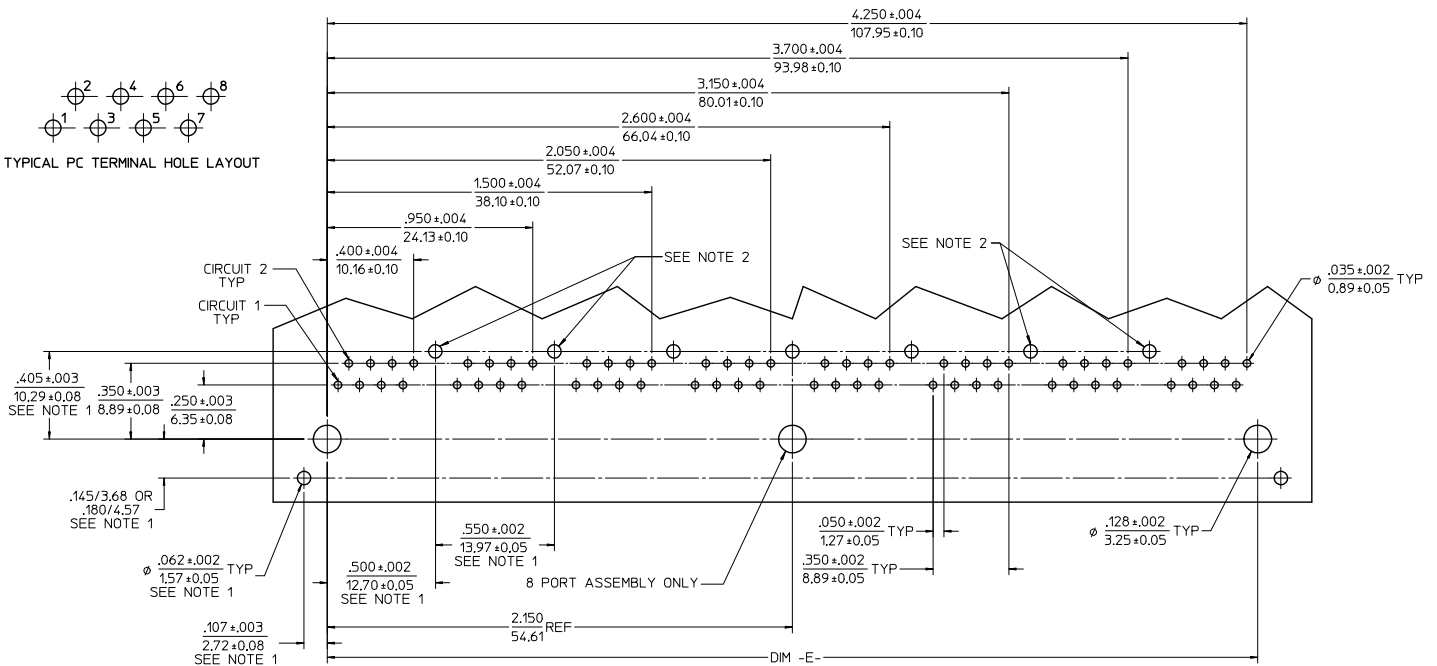
QUALITY SYMBOLS	4 PLACES ± --- ± ---	DRAWN BY	DATE	SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION
	3 PLACES ± --- ± .010	MARANTO	98/01/21			
DESCRIPTION	2 PLACES ± 0.25 ± ---	CHECKED BY	DATE	TITLE	MATERIAL NO.	DOCUMENT NO.
	1 PLACE ± --- ± ---	ROBERTS	98/01/21			
REV	0 PLACE ± ±	APPROVED BY	DATE	SIZE	SEE CHART	SD-44150-002
		ROBERTS	98/01/21			

SEE SHEET 1  
EC NO: UCP2014-5068  
DRAWING NO: 2014/06/03  
CHKD: BELL  
APPROV: SMITH  
2014/09/04

ib\_frame\_C.P.AM.T  
Rev. G 2012/01/11



TYPICAL PC TERMINAL HOLE LAYOUT

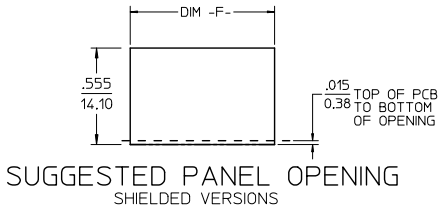


PCB LAYOUT : COMPONENT SIDE  
RECOMMENDED PCB THICKNESS : .062/1.57

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 REC NO: UCPE2014-5068 DRAWING/DATE: 2014/06/03 CHKD/BELL: 2014/06/03 APPR/SMITH: 2014/09/24 D7 REV	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)	DIMENSION STYLE IN/MM	SCALE	DESIGN UNITS INCH	THIRD ANGLE PROJECTION	TITLE CATEGORY 5 MODULAR JACK ASSEMBLIES, GANGED molex DOCUMENT NO. SD-44150-002 SHEET NO. 3 OF 3
	4 PLACES ± --- INCH 3 PLACES ± --- INCH 2 PLACES ± 0.25 INCH 1 PLACE ± --- INCH 0 PLACE ± --- INCH	± .010 ± .010 ± .010 ± .010	DRAWN BY: MARANTO CHECKED BY: ROBERTS APPROVED BY: ROBERTS DATE: 98/01/21 DATE: 98/01/21 DATE: 98/01/21				
	ANGULAR ±1/2°	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	SEE CHART				