

Excellent Integrated System Limited

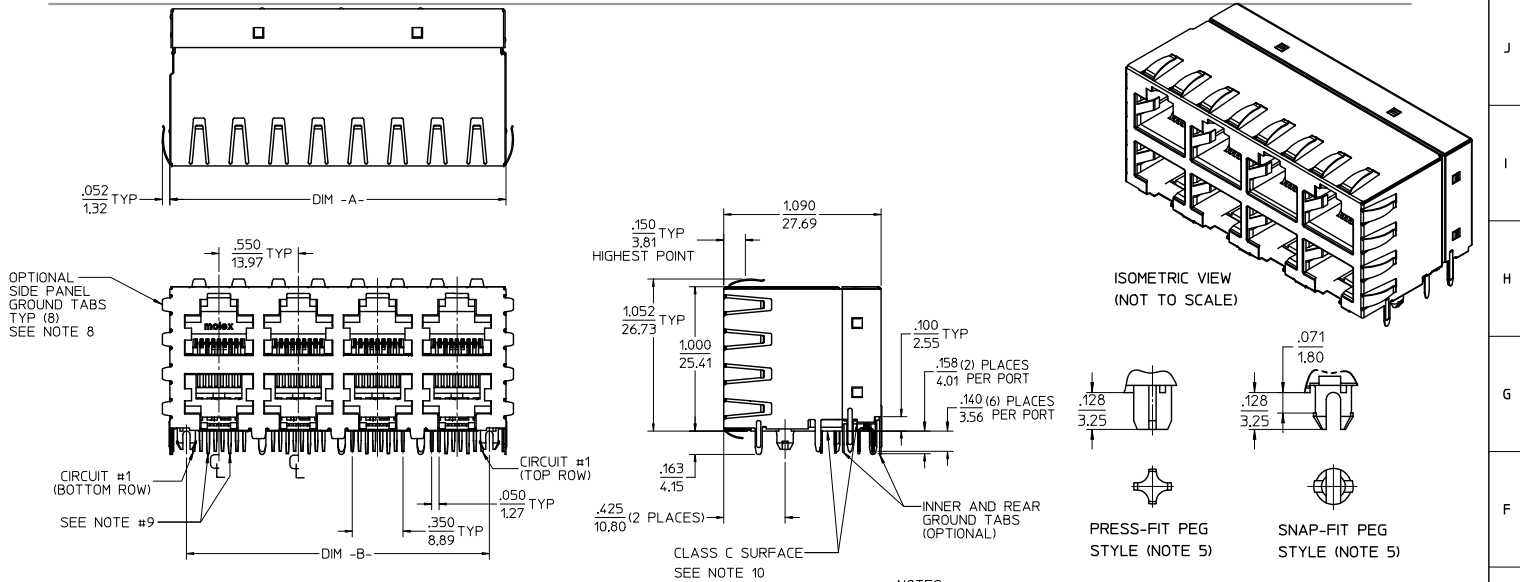
Stocking Distributor

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

[Molex Connector Corporation](#)
[0445203001](#)

For any questions, you can email us directly:

sales@integrated-circuit.com

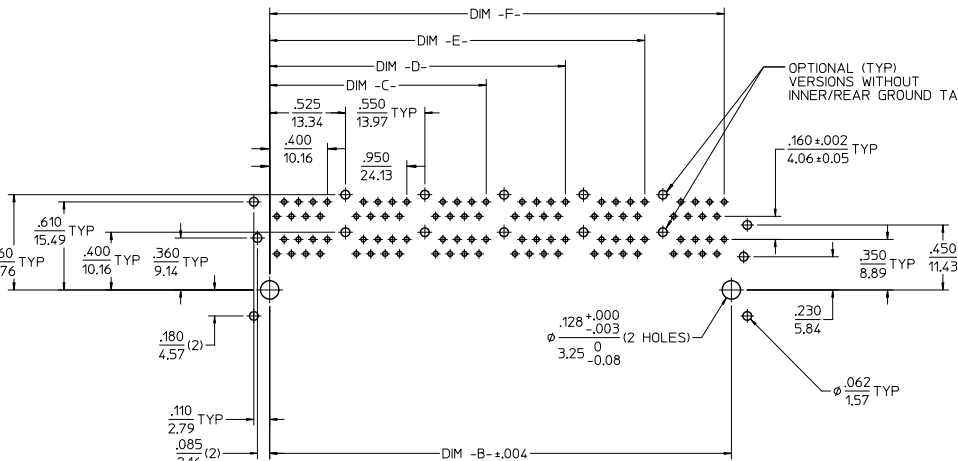


NOTES:

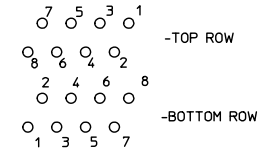
- 1) MATERIAL:
HOUSING: POLYESTER(PBT), GLASS FILLED, UL94V-0, COLOR: BLACK
TERMINALS: PHOSPHOR BRONZE
SHIELD: BRASS
- 2) FINISH:
TERMINALS:
SELECT GOLD IN CONTACT AREA: 50 MICROINCHES MIN.,
SELECT TIN IN PC TAIL AREA: 100 MICROINCHES MIN.,
WITH OVERALL NICKEL UNDERPLATE: 50 MICROINCHES MIN.
- SHIELD:
100 MICROINCHES NICKEL OVER 50 MICROINCHES COPPER UNDERPLATE
PCB GROUND TABS DIPPED IN TIN
- 3) PRODUCT SPECIFICATION: PS-44050-003.
- 4) PACKAGING SPECIFICATION: CONNECTOR PACKAGED IN THERMOFORMED TRAYS PER PK-44520-003.
- 5) CONNECTORS AVAILABLE WITH EITHER SNAP-FIT OR PRESS-FIT PEGS.
- 6) CONFORMS TO FCC REGULATION PART 68.5 FOR MODULAR JACKS.
- 7) PCB LAYOUT AND PANEL CUT-OUT SHOWN ON SHEET (2) OF (2).
- 8) AVAILABLE WITH THE (8) PANEL GROUND TABS REMOVED ON EACH SIDE FOR SIDE TO SIDE STACKABILITY.
- 9) TERMINAL LENGTHS MAY BE DIFFERENT FROM TERMINAL TO TERMINAL.
- 10) THIS PART CONFORMS TO CLASS B REQUIREMENTS OF COSMETIC SPECIFICATION PS-45499-002 WITH THE EXCEPTION OF THE INDICATED SURFACE WHICH IS A CLASS C SURFACE.

ASSEMBLY MATERIAL NUMBER	NUMBER OF PORTS	PEG STYLE	DIM -A-	DIM -B-	SIDE PANEL GROUND TABS	INNER/REAR GROUND TABS
44520-0001	8 (2 X 4)	SNAP-FIT	2,330/59.18	2,100/53.34	YES	YES
44520-2001	8 (2 X 4)	SNAP-FIT	2,330/59.18	2,100/53.34	NO	YES
44520-3001	8 (2 X 4)	SNAP-FIT	2,330/59.18	2,100/53.34	YES	NO
44520-4001	8 (2 X 4)	SNAP-FIT	2,330/59.18	2,100/53.34	NO	NO
44520-0004	8 (2 X 4)	PRESS-FIT	2,330/59.18	2,100/53.34	YES	YES
44520-2004	8 (2 X 4)	PRESS-FIT	2,330/59.18	2,100/53.34	NO	YES
44520-3004	8 (2 X 4)	PRESS-FIT	2,330/59.18	2,100/53.34	YES	NO
44520-4004	8 (2 X 4)	PRESS-FIT	2,330/59.18	2,100/53.34	NO	NO
44520-0002	12 (2 X 6)	SNAP-FIT	3,430/87.12	3,200/81.28	YES	YES
44520-2002	12 (2 X 6)	SNAP-FIT	3,430/87.12	3,200/81.28	NO	YES
44520-3002	12 (2 X 6)	SNAP-FIT	3,430/87.12	3,200/81.28	YES	NO
44520-4002	12 (2 X 6)	SNAP-FIT	3,430/87.12	3,200/81.28	NO	NO
44520-0005	12 (2 X 6)	PRESS-FIT	3,430/87.12	3,200/81.28	YES	YES
44520-2005	12 (2 X 6)	PRESS-FIT	3,430/87.12	3,200/81.28	NO	YES
44520-3005	12 (2 X 6)	PRESS-FIT	3,430/87.12	3,200/81.28	YES	NO
44520-4005	12 (2 X 6)	PRESS-FIT	3,430/87.12	3,200/81.28	NO	NO

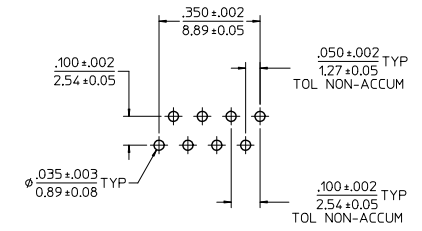
OBSOLETE 16 PORT EC NO: UCP2014-5436 DRAWN BY: 2014/06/28 CHKD: BELL 2014/06/28 APPROV: SMITH 2014/07/17 D1	QUALITY SYMBOLS ▽=0 ▽=0 ▽=0	GENERAL TOLERANCES (UNLESS SPECIFIED) mm INCH 4 PLACES ± .010 3 PLACES ± .010 2 PLACES ± .025 1 PLACE ± .010 0 PLACE ± .010	DIMENSION STYLE IN/MM DRAWN BY: MARGULIS CHECKED BY: ROBERTS APPROVED BY: ROBERTS DATE: 99/04/16 DATE: 99/04/18 DATE: 99/04/18	SCALE 2:1 DESIGN UNITS INCH	THIRD ANGLE PROJECTION	TITLE STACKED MODULAR JACK CATEGORY 5	molex	DOCUMENT NO. SD-44520-001	SHEET NO. 1 OF 2



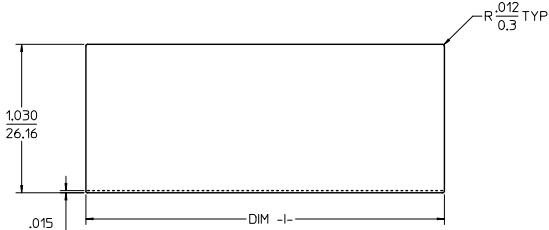
PC BOARD LAYOUT: COMPONENT SIDE
RECOMMENDED PCB THICKNESS: .062/1.57
(12 PORT VERSION SHOWN)
ALL DIMENSION TOLERANCES ARE $\pm .003/\pm .08$
UNLESS SPECIFIED OTHERWISE



MOLEX TRADITIONAL
PIN LAYOUT (TYP)



TYP HOLE LAYOUT
(EACH PORT)



RECOMMENDED PANEL
CUTOUT

NUMBER OF PORTS	DIM -B-	DIM -C-	DIM -D-	DIM -E-	DIM -F-	DIM -I-
8 (2 X 4)	2.100/53.34	1.500/38.10	2.050/52.07			2.360/59.94
12 (2 X 6)	3.200/81.28	1.500/38.10	2.050/52.07	2.600/66.04	3.150/80.01	3.460/87.88

GENERAL TOLERANCES (UNLESS SPECIFIED)	DIMENSION STYLE IN/MM	SCALE 2:1	DESIGN UNITS INCH	THIRD ANGLE PROJECTION
4 PLACES $\pm .010$	DRAWN BY MARGULIS DATE 99/04/16			
3 PLACES $\pm .010$	CHECKED BY ROBERTS DATE 99/04/18			
2 PLACES ± 0.25	APPROVED BY ROBERTS DATE 99/04/18			
1 PLACE $\pm .010$				
0 PLACE $\pm .010$				

ANGULAR $\pm 1/2^\circ$	MATERIAL NO.	DOCUMENT NO.	SHEET NO.
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	SEE CHART	SD-44520-001	2 OF 2

STACKED MODULAR JACK
CATEGORY 5

molex