

Excellent Integrated System Limited

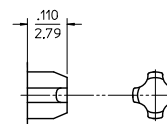
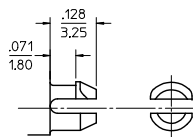
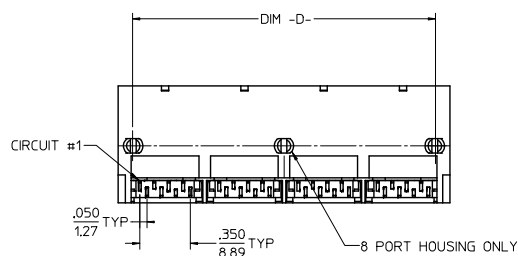
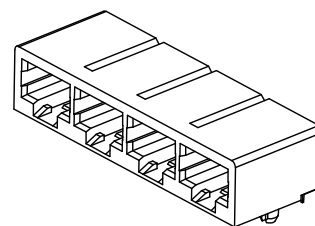
Stocking Distributor

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

[Molex Connector Corporation](#)
[0441500012](#)

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 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

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 DRWINGEN 2014/06/03 CHKD: JELL 2014/06/03 APPR: SMTH 2014/09/04	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 ± 3 PLACES ± 2 PLACES ± 1 PLACE ± 0 PLACE ±		DRAWN BY DATE MARANTO 98/01/12 CHECKED BY DATE ROBERTS 98/01/12 APPROVED BY DATE ROBERTS 98/01/12		CATEGORY 5 MODULAR JACK ASSEMBLIES, GANGED				
			ANGULAR ±1/2°		MATERIAL NO.		DOCUMENT NO.		SHEET NO.		
D7	REV		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SIZE C	SEE CHART THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION				SD-44150-002	1 OF 3

CATEGORY 5 MODULAR JACK
ASSEMBLIES, GANGED

molex

MATERIAL NO. SEE CHART

SD-44150-002

SHEET NO.
1 OF 3

Ib_frame_C_P_AM-T
Rev. G 2012/01/11

12

11

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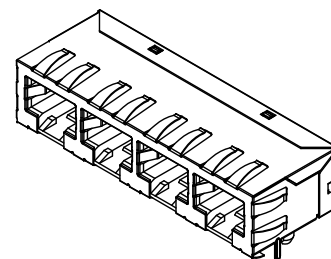
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8

7

2

1



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.

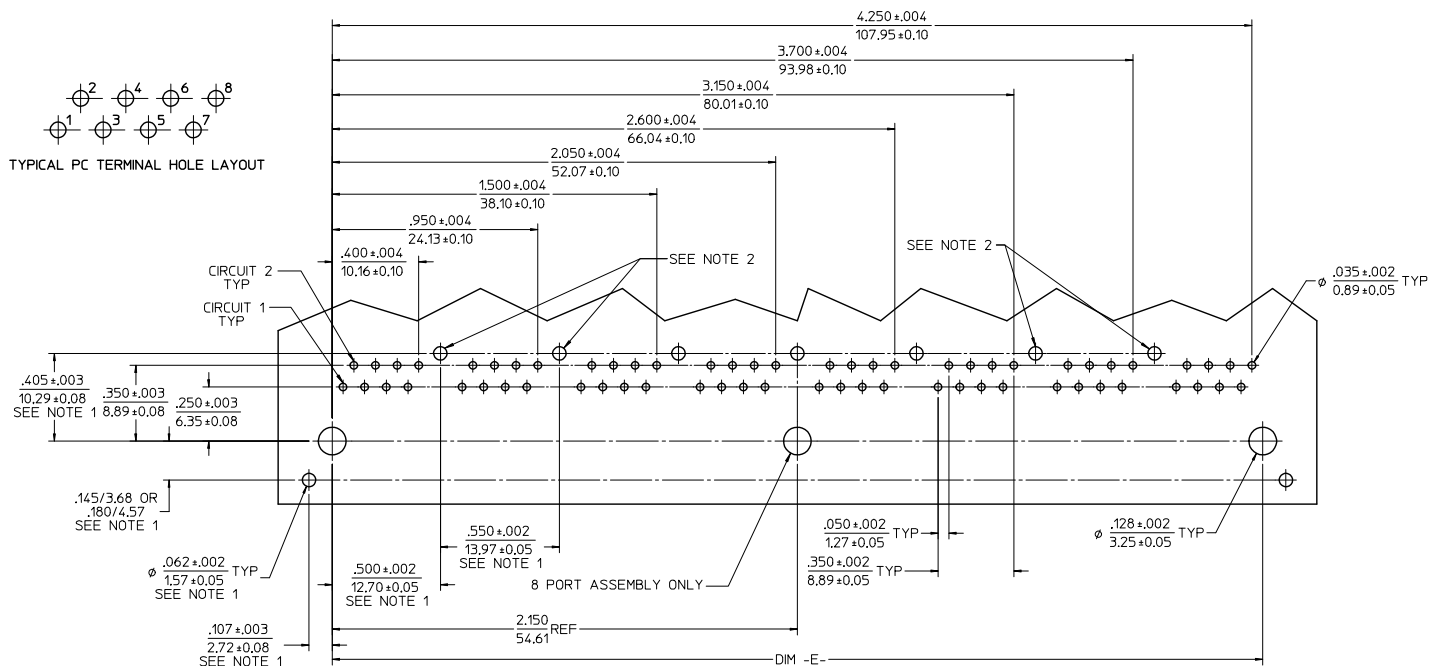
△ 441500036 DOES NOT HAVE TOP, SIDE, OR BOTTOM GROUND TABS &
HAS SHORTER BOTTOM FLANGES

△ 441500034 DOES NOT HAVE SIDE GROUND TABS

△ 441500037 DOES NOT HAVE BOTTOM GROUND TABS

SEE SHEET 1 DWG NO: UCJ0204-5068 DRAWN/GIVEN 2014/06/03 CHKD/BELL 2014/09/04 APPROV/FTH 2014/09/04	DESCRIPTION	QUALITY SYMBOLS	X = "NOT TOLERED"		DIMENSION STYLE		SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION	
			GENERAL TOLERANCES (UNLESS SPECIFIED)		IN/MM		2:1	INCH		
				mm	INCH	DRAWN BY	DATE	TITLE		
				4 PLACES ±	±	MARANTO	98/01/21	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.	SHEET NO.	
			D7	REV	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SEE CHART		SD-44150-002	
		SIZE	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: NINGYUEN CHKD: JELL APPR: SMTH	2014/06/03	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE		SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION
	2014/06/03				IN/MM			INCH	
	2014/06/03						CATEGORY 5 MODULAR JACK ASSEMBLIES, GANGED		
					molex				
					SD-44150-002				
					3 OF 3				
D7	REV		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			