

Excellent Integrated System Limited

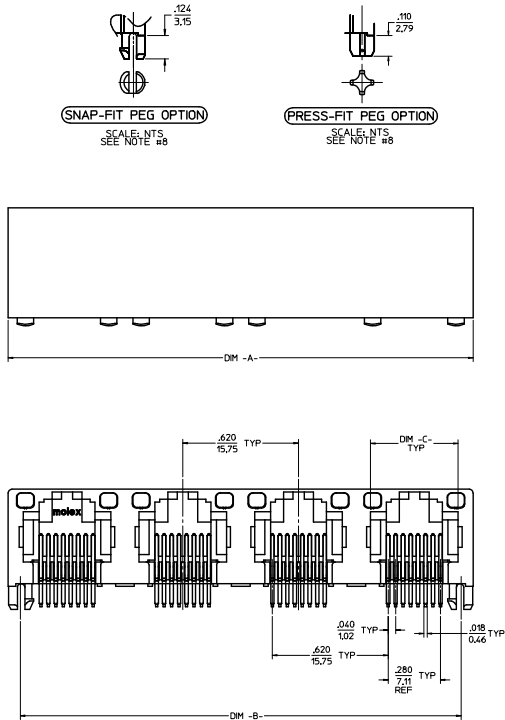
Stocking Distributor

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

[Molex Connector Corporation](#)
[0442480002](#)

For any questions, you can email us directly:

sales@integrated-circuit.com



8 CIRCUIT HOUSING(S)						
ASSEMBLY MATERIAL NUMBER	NUMBER OF CIRCUITS	NUMBER OF PORTS	PEG STYLE	DIM -A-	DIM -B-	DIM -C-
44248-0001	8	2	SNAP-FIT	1250/3175	1120/28.45	.469/11.92
44248-0002	8	4	SNAP-FIT	2490/63.25	2360/59.94	.469/11.92
44248-0005	8	2	PRESS-FIT	1250/3175	1120/28.45	.469/11.92
44248-0006	8	4	PRESS-FIT	2490/63.25	2360/59.94	.469/11.92

6 CIRCUIT HOUSING(S)						
ASSEMBLY MATERIAL NUMBER	NUMBER OF CIRCUITS	NUMBER OF PORTS	PEG STYLE	DIM -A-	DIM -B-	DIM -C-
44248-0009	6	2	SNAP-FIT	1250/3175	1120/28.45	.389/9.88
44248-0010	4	2	SNAP-FIT	1250/3175	1120/28.45	.389/9.88
44248-0011	6	4	SNAP-FIT	2490/63.25	2360/59.94	.389/9.88
44248-0012	4	4	SNAP-FIT	2490/63.25	2360/59.94	.389/9.88
44248-0017	6	2	PRESS-FIT	1250/3175	1120/28.45	.389/9.88
44248-0018	4	2	PRESS-FIT	1250/3175	1120/28.45	.389/9.88
44248-0019	6	4	PRESS-FIT	2490/63.25	2360/59.94	.389/9.88
44248-0020	4	4	PRESS-FIT	2490/63.25	2360/59.94	.389/9.88

- NOTES:
- 1) MATERIAL: HOUSING: POLYESTER(PBT), GLASS FILLED, UL94V-0, COLOR: BLACK
LIGHT PIPES: PS, CARBONATE, UL-94V2, COLOR: CLEAR
TERMINALS: PHOSPHOR BRONZE
 - 2) FINISH: SELECT GOLD IN CONTACT AREA: 50 MICRONS (127 MICROMETERS) MIN.
SELECT TRN IN PC TAIL AREA: 100 MICRONS (254 MICROMETERS) MIN.
WITH OVERALL NICKEL UNDERLAY: 30 MICRONS (762 MICROMETERS) MIN.
 - 3) PRODUCT SPECIFICATION AND PROCESSING PARAMETERS: PS-43860-003.
 - 4) PACKAGING SPECIFICATION: CONNECTOR ASSEMBLIES IN THERMOFORMED TRAYS PER MOLEX PACKAGING SPECIFICATION PK-44248-004.
 - 5) APPLICATION SPECIFICATION: AS-43860-001.
 - 6) ALL UNTOLERANCED DIMENSIONS ARE SHOWN FOR REFERENCE ONLY.
 - 7) CONFORMS TO FCC REGULATION PART 68.5 FOR MODULAR JACKS.
 - 8) MODJACKS AVAILABLE WITH EITHER SNAP-FIT OR PRESS-FIT PEGS.
 - 9) PCB LAYOUT AND PANEL CUT-OUT SHOWN ON SHEETS (5) AND (6).
 - 10) THIS PART CONFORMS TO CLASS B REQUIREMENTS OF COSMETIC SPECIFICATION PS-45499-002.

UNSHIELDED
WITH LIGHT PIPES

QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE		SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION
	mm	INCH	IN/MM	IN			
4 PLACES	± .010	± .004	MMAYO	98/10/06	4:1	INCH	THIRD ANGLE PROJECTION
3 PLACES	± .010	± .004	ROBERTS	98/10/06			
2 PLACES	± .025	± .010	ROBERTS	98/10/06			
1 PLACE	± .050	± .020	ROBERTS	98/10/06			
0 PLACE	± .100	± .040	ROBERTS	98/10/06	4:1	INCH	THIRD ANGLE PROJECTION
ANGULAR	± 1/2°	± 1/2°	SEE CHART	SD-44248-001			
DRAFT WHERE APPLICABLE	MUST REMAIN WITHIN DIMENSIONS						
THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX							

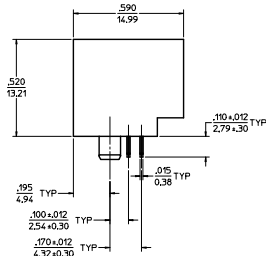
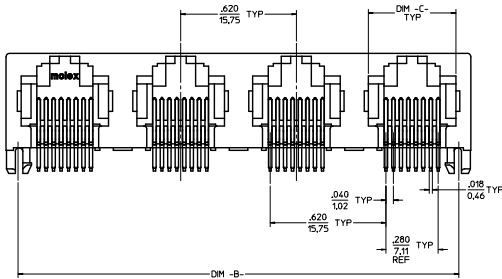
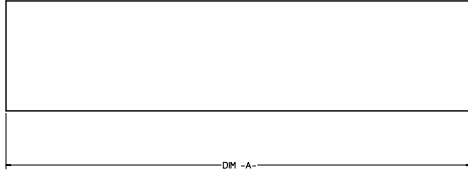
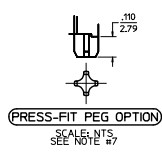
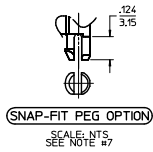
(6) CIRCUIT HOUSING(S)							
ASSEMBLY MATERIAL NUMBER	NUMBER OF CIRCUITS	NUMBER OF PORTS	PEG STYLE	SIDE SHIELD TAB OPTION	DIM A--	DIM B--	DIM C--
422428-0037	6	2	SNAP-FIT	A	1274/32.36	1120/28.45	389/9.88
422428-0038	6	2	SNAP-FIT	A	1274/32.36	1120/28.45	389/9.88
422428-0039	6	4	SNAP-FIT	A	2516/63.86	2360/59.94	389/9.88
422428-0040	4	4	SNAP-FIT	A	2516/63.86	2360/59.94	389/9.88
422428-0045	6	2	PRESS-FIT	A	1274/32.36	1120/28.45	389/9.88
422428-0046	4	2	PRESS-FIT	A	1274/32.36	1120/28.45	389/9.88
422428-0047	6	4	PRESS-FIT	A	2516/63.86	2360/59.94	389/9.88
422428-0048	6	4	PRESS-FIT	A	2516/63.86	2360/59.94	389/9.88

(6) CIRCUIT HOUSING(S)							
ASSEMBLY MATERIAL NUMBER	NUMBER OF CIRCUITS	NUMBER OF PORTS	PEG STYLE	SIDE SHIELD TAB OPTION	DIM A--	DIM B--	DIM C--
422428-0037	6	2	SNAP-FIT	A	1274/32.36	1120/28.45	389/9.88
422428-0038	6	2	SNAP-FIT	A	1274/32.36	1120/28.45	389/9.88
422428-0039	6	4	SNAP-FIT	A	2516/63.86	2360/59.94	389/9.88
422428-0040	4	4	SNAP-FIT	A	2516/63.86	2360/59.94	389/9.88
422428-0045	6	2	PRESS-FIT	A	1274/32.36	1120/28.45	389/9.88
422428-0046	4	2	PRESS-FIT	A	1274/32.36	1120/28.45	389/9.88
422428-0047	6	4	PRESS-FIT	A	2516/63.86	2360/59.94	389/9.88
422428-0048	6	4	PRESS-FIT	A	2516/63.86	2360/59.94	389/9.88

NOTES:

1. MATERIAL:
MOULDING POLYESTER(PBT), GLASS FILLED, UL94V-0, CLASS: BLACK
LIGHT PIPES, POLYCARBONATE, UL-94V2, COLOR: CLEAR
SURFACES: PHOSPHOR BRONZE
SHEILD: BRASS
2. FINISH:
SELECT GOLD IN CONTACT AREA; 50 MICRONS/INCHES (127 MICROMETERS) MIN.
SELECT TIN IN PC TAIL AREA; 100 MICRONS/INCHES (254 MICROMETERS) MIN.
INTERNAL: NICKEL
SHEILD: BRASS
MICRONS/INCHES (254 MICROMETERS) MIN. OVER 50 INCHES (127 MICROMETERS)
COPPER UNDERPLATE PCB GROUND TAPS DIFFER IN TIN
3. PACKAGING SPECIFICATION:
CONNECTOR ASSEMBLIES IN THERMOFORMED TRAYS PER MOLEX PACKAGING
SPECIFICATION PK-1000
5. APPLICATION SPECIFICATION AS-43860-001
MIL INTERCONNECTED ASSEMBLY HAS BEEN SHOWN FOR REFERENCE ONLY.
7. CONFORMS TO FCC REGULATION PART 68S FOR MODULAR JACKS.
8. MODULAR JACKS
THIS DRAWING SHOWS SNAP-FIT PRESS.
9. PCB LAYOUT AND PACK-OUT SHOWN ON SHEETS (5) AND (6).
10. THIS PART CONFORMS TO CLASS 4 REQUIREMENTS OF COSMETIC
SPECIFICATION PK-1000

[illegible]



- NOTES:
- 1) MATERIAL: HOUSING: POLYESTER(PBT), GLASS FILLED, UL94V-0, COLOR: BLACK
TERMINALS: PHOSPHOR BRONZE
 - 2) FINISH: TERMINALS: SELECT GOLD IN CONTACT AREA; 50 MICRONS (127 MICROMETERS) MIN. SELECT TIN IN PC TAIL AREA; 50 MICRONS (127 MICROMETERS) MIN. WITH OVERALL NICKEL UNDERPLATE; 50 MICRONS (127 MICROMETERS) MIN.
 - 3) PRODUCT SPECIFICATION AND PROCESSING PARAMETERS: PS-4360-003.
 - 4) PACKAGING SPECIFICATIONS: CONNECTOR ASSEMBLIES IN THERMOFORMED TRAYS PER MOLEX PACKAGING SPECIFICATION PK-42248-004.
 - 5) ALL UNTOLERANCED DIMENSIONS ARE SHOWN FOR REFERENCE ONLY.
 - 6) CONFORMS TO FCC REGULATION PART 68.5 FOR MODULAR JACKS.
 - 7) MODJACKS AVAILABLE WITH EITHER SNAP-FIT OR PRESS-FIT PEGS. THIS DRAWING SHOWS SNAP-FIT PEGS.
 - 8) PCB LAYOUT AND PANEL CUT-OUT SHOWN ON SHEETS (5) AND (6).
 - 9) THIS PART CONFORMS TO CLASS B REQUIREMENTS OF COSMETIC SPECIFICATION PS-45499-002.

8 CIRCUIT HOUSING(S)

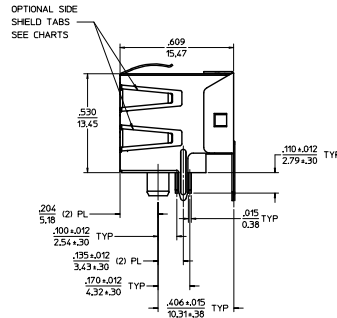
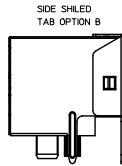
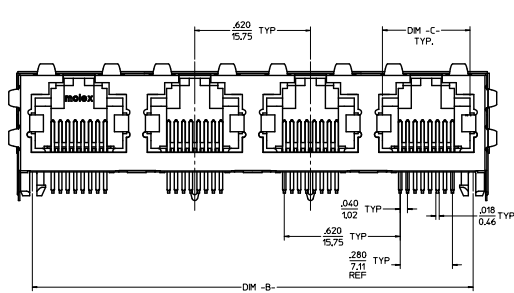
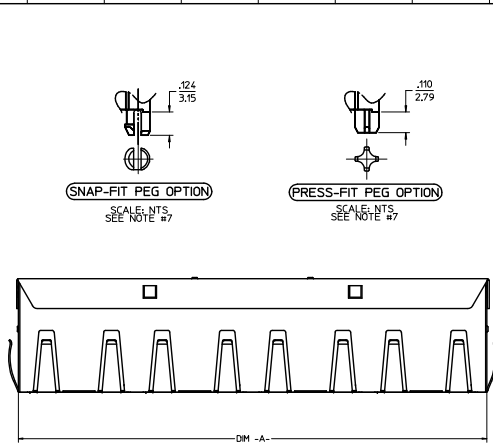
ASSEMBLY MATERIAL NUMBER	NUMBER OF CIRCUITS	NUMBER OF PORTS	PEG STYLE	DIM -A-	DIM -B-	DIM -C-
44248-0057	2	2	SNAP-FIT	1.250/31.75	1.120/28.45	.469/11.92
44248-0058	4	4	SNAP-FIT	2.490/63.25	2.360/59.94	.469/11.92
44248-0061	8	2	PRESS-FIT	1.250/31.75	1.120/28.45	.469/11.92
44248-0062	8	4	PRESS-FIT	2.490/63.25	2.360/59.94	.469/11.92

6 CIRCUIT HOUSING(S)

ASSEMBLY MATERIAL NUMBER	NUMBER OF CIRCUITS	NUMBER OF PORTS	PEG STYLE	DIM -A-	DIM -B-	DIM -C-
44248-0065	6	2	SNAP-FIT	1.250/31.75	1.120/28.45	.389/9.88
44248-0066	4	2	SNAP-FIT	1.250/31.75	1.120/28.45	.389/9.88
44248-0067	6	4	SNAP-FIT	2.490/63.25	2.360/59.94	.389/9.88
44248-0068	4	4	SNAP-FIT	2.490/63.25	2.360/59.94	.389/9.88
44248-0073	6	2	PRESS-FIT	1.250/31.75	1.120/28.45	.389/9.88
44248-0074	4	2	PRESS-FIT	1.250/31.75	1.120/28.45	.389/9.88
44248-0075	6	4	PRESS-FIT	2.490/63.25	2.360/59.94	.389/9.88
44248-0076	4	4	PRESS-FIT	2.490/63.25	2.360/59.94	.389/9.88

UNSHIELDED

SEE SHEET 1 ECN: 044248-0079 DRAWING: 044248-0079 CHECKED: 044248-0079 APPROVED: 044248-0079 DATE: 04/04/07	QUALITY SYMBOLS ▽=0 ▽=0 ▽=0	GENERAL TOLERANCES (UNLESS SPECIFIED): mm INCH 4 PLACES ±.005 ±.005 3 PLACES ±.005 ±.005 2 PLACES ±.005 ±.005 1 PLACE ±.005 ±.005 0 PLACE ±.005 ±.005 ANGULAR ±1/2° DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	DIMENSION STYLE IN/MM DRAWN BY DATE CHECKED BY DATE APPROVED BY DATE	SCALE 4:1 DESIGN UNITS INCH THIRD ANGLE PROJECTION	TITLE GANGED INVERTED MODJACK ASSEMBLY molex DOCUMENT NO. SD-44248-001 SHEET NO. 3 OF 6



(8) CIRCUIT HOUSING(S)

X = NOT TOOLED	ASSEMBLY MATERIAL NUMBER	NUMBER OF CIRCUITS	NUMBER OF PORTS	PEG STYLE	SIDE SHIELD TAB OPTION	DIM -A-	DIM -B-	DIM -C-
	44248-0085	8	2	SNAP-FIT	A	1.274/32.36	1.120/28.45	.469/11.92
	44248-0086	8	4	SNAP-FIT	A	2.514/63.86	2.360/59.94	.469/11.92
	44248-0089	8	2	PRESS-FIT	A	1.274/32.36	1.120/28.45	.469/11.92
	44248-0090	8	4	PRESS-FIT	A	2.514/63.86	2.360/59.94	.469/11.92
X	44248-0119	8	4	PRESS FIT	B	2.514/63.86	2.360/59.94	.469/11.92

(6) CIRCUIT HOUSING(S)

ASSEMBLY MATERIAL NUMBER	NUMBER OF CIRCUITS	NUMBER OF PORTS	PEG STYLE	SIDE SHIELD TAB OPTION	DIM -A-	DIM -B-	DIM -C-
44248-0093	6	2	SNAP-FIT	A	1.274/32.36	1.120/28.45	.389/9.88
44248-0094	4	2	SNAP-FIT	A	1.274/32.36	1.120/28.45	.389/9.88
44248-0095	6	4	SNAP-FIT	A	2.514/63.86	2.360/59.94	.389/9.88
44248-0096	4	4	SNAP-FIT	A	2.514/63.86	2.360/59.94	.389/9.88
44248-0101	6	2	PRESS-FIT	A	1.274/32.36	1.120/28.45	.389/9.88
44248-0102	4	2	PRESS-FIT	A	1.274/32.36	1.120/28.45	.389/9.88
44248-0103	6	4	PRESS-FIT	A	2.514/63.86	2.360/59.94	.389/9.88
44248-0104	4	4	PRESS-FIT	A	2.514/63.86	2.360/59.94	.389/9.88

- 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 MICRONS (1.27 MICROMETERS) MIN.
SELECT TIN IN PC TAIL AREA: 100 MICRONS (2.54 MICROMETERS) MIN.
WITH OVERALL NICKEL UNDERPLATE: 50 MICRONS (1.27 MICROMETERS) MIN.
SHIELD: 100 MICRONS (2.54 MICROMETERS) NICKEL OVER 50 MICRONS (1.27 MICROMETERS) COPPER UNDERPLATE PCB GROUND TABS DIPPED IN TIN.
 - 3) PRODUCT SPECIFICATION AND PROCESSING PARAMETERS: PS-43860-003.
 - 4) PACKAGING SPECIFICATION: CONNECTOR ASSEMBLIES IN THERMOFORMED TRAYS PER MOLEX PACKAGING SPECIFICATION PK-44248-004.
 - 5) ALL UNTOLERANCED DIMENSIONS ARE SHOWN FOR REFERENCE ONLY.
 - 6) CONFORMS TO FCC REGULATION PART 68.5 FOR MODULAR JACKS.
 - 7) MODJACKS AVAILABLE WITH EITHER SNAP-FIT OR PRESS-FIT PEGS.
 - 8) THIS DRAWING SHOWS SNAP-FIT PEGS.
 - 9) PCB LAYOUT AND PANEL CUT-OUT SHOWN ON SHEETS (5) AND (6).
 - 10) THIS PART CONFORMS TO CLASS B REQUIREMENTS OF COSMETIC SPECIFICATION PS-45499-002.

SEE SHEET 1 OF 6 DATE: 09/10/06 BY: JRM CHKD: JRM APP: JRM	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE		SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION		
				IN/IN		4:1	INCH			
	▽=0	4 PLACES	± .010	DRAWN BY	DATE	GANGED INVERTED MOD JACK ASSEMBLY				
	▽=0	3 PLACES	± .010	MMAYO	98/10/06					
	▽=0	2 PLACES	± .025	CHECKED BY	DATE					
	▽=0	1 PLACE	± .025	JROBERTS	98/10/06					
	▽=0	0 PLACE	±	APPROVED BY	DATE					
				JROBERTS	98/10/06	molex				
				MATERIAL NO.					DOCUMENT NO.	
				ANGULAR ±1/2°						
		DRAFT WHERE APPLICABLE		SEE CHART		SD-44248-001		SHEET NO.		
		WITHIN DIMENSIONS		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION				4 OF 6		

SHIELDED

molex

DOCUMENT NO. SD-44248-001

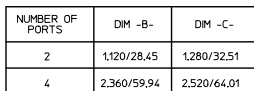
SHEET NO. 4 OF 6



1) DIMENSIONS MARKED "SEE NOTE #1" REFER TO ASSEMBLIES WITH THE SHIELDING OPTION INCLUDED

2) DIMENSIONS MARKED "SEE NOTE #2" REFER TO ASSEMBLIES WITH THE LIGHT PIPE OPTION INCLUDED

3) FOR CROSS REFERENCE OF RECOMMENDED LEDS SEE MOLEX WEB SITE.

[illegible]

