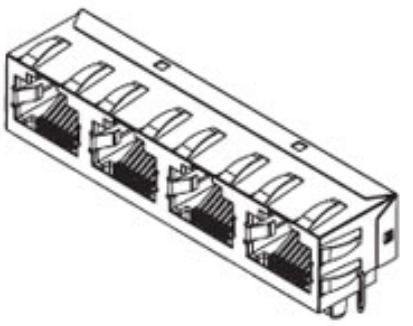
This document was generated on 06/08/2010

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number: 0442480058
Status: Active
Overview: modular_plugs_jacks
Description: Modular Jack, Right Angle, Low Profile, Inverted, 8/8, 4 Ports



Series image - Reference only

Documents:

3D Model
Drawing (PDF)
Product Specification PS-43860-003 (PDF)
RoHS Certificate of Compliance (PDF)

Agency Certification

CSA	LR19980
UL	E107635

General

Product Family	Modular Jacks/Plugs
Series	44248
Comments	Industry Compatible
Component Type	PCB Jack
Magnetic	No
Overview	modular_plugs_jacks
Performance Category	3
Power over Ethernet (PoE)	N/A
Product Name	RJ45

Physical

Boot Color	N/A
Color - Resin	Black
Durability (mating cycles max)	500
Flammability	94V-0
Inverted / Top Latch	Yes
Lightpipes/LEDs	None
Material - Metal	Phosphor Bronze
Material - Plating Mating	Gold
Material - Plating Termination	Tin
Material - Resin	Polyester
Orientation	Right Angle (Side Entry)
PCB Locator	Yes
PCB Retention	Yes
PCB Thickness Recommended (in)	0.062 In
PCB Thickness Recommended (mm)	1.57 mm
Packaging Type	Tray
Panel Mount	With Flange
Pitch - Mating Interface (in)	0.040 In
Pitch - Mating Interface (mm)	1.02 mm
Pitch - Term. Interface (in)	0.040 In
Pitch - Term. Interface (mm)	1.02 mm
Plating min: Mating (µin)	50
Plating min: Mating (µm)	1.25
Plating min: Termination (µin)	100
Plating min: Termination (µm)	2.5
Ports	4
Positions / Loaded Contacts	8/8
Surface Mount Compatible (SMC)	No
Temperature Range - Operating	-40°C to +85°C
Termination Interface: Style	Through Hole
Waterproof / Dustproof	No

EU RoHS
ELV and RoHS Compliant
REACH SVHC
Contains SVHC: No
Halogen-Free Status
Not Reviewed

China RoHS

Need more information on product environmental compliance?

Email productcompliance@molex.com
For a multiple part number RoHS Certificate of Compliance, click here

Please visit the Contact Us section for any non-product compliance questions.

Search Parts in this Series
44248Series

Wire/Cable Type	N/A

Electrical

Current - Maximum per Contact	1.5A
Grounding to PCB	No
Shielded	No
Voltage - Maximum	150V AC (RMS)

Solder Process Data

Duration at Max. Process Temperature (seconds)	5
Lead-free Process Capability	Wave Capable (TH only)
Max. Cycles at Max. Process Temperature	1
Process Temperature max. C	260

Material Info

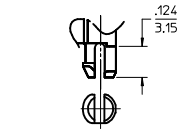
Reference - Drawing Numbers

Packaging Specification	PK-44248-004
Product Specification	PS-43860-003, RPS-43860-004, RPS-43860-007, RPS-43860-008, RPS-43860-013
Sales Drawing	SD-44248-001

This document was generated on 06/08/2010

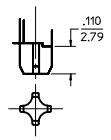
PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

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	1.250/31.75	1.120/28.45	.469/11.92
44248-0002	8	4	SNAP-FIT	2.490/63.25	2.360/59.94	.469/11.92
44248-0005	8	2	PRESS-FIT	1.250/31.75	1.120/28.45	.469/11.92
44248-0006	8	4	PRESS-FIT	2.490/63.25	2.360/59.94	.469/11.92



SNAP-FIT PEG OPTION

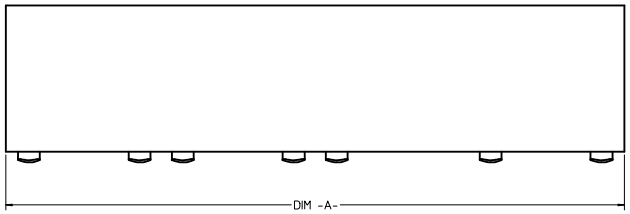
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SEE NOTE #8

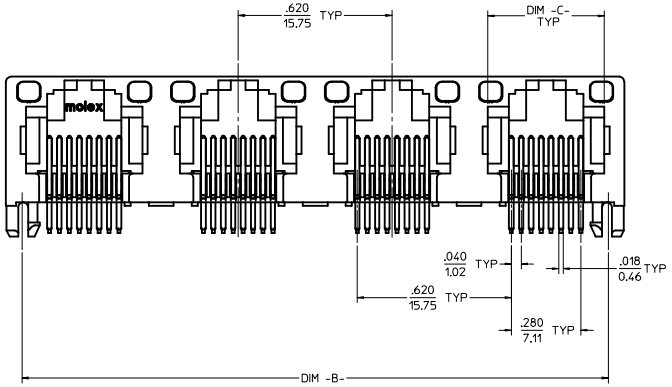


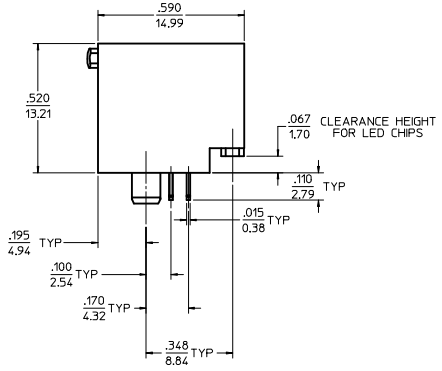
PRESS-FIT PEG OPTION

SCALE: NTS
SEE NOTE #8

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	1.250/31.75	1.120/28.45	.389/9.88
44248-0010	4	2	SNAP-FIT	1.250/31.75	1.120/28.45	.389/9.88
44248-0011	6	4	SNAP-FIT	2.490/63.25	2.360/59.94	.389/9.88
44248-0012	4	4	SNAP-FIT	2.490/63.25	2.360/59.94	.389/9.88
44248-0017	6	2	PRESS-FIT	1.250/31.75	1.120/28.45	.389/9.88
44248-0018	4	2	PRESS-FIT	1.250/31.75	1.120/28.45	.389/9.88
44248-0019	6	4	PRESS-FIT	2.490/63.25	2.360/59.94	.389/9.88
44248-0020	4	4	PRESS-FIT	2.490/63.25	2.360/59.94	.389/9.88







NOTES:
1) MATERIAL:
HOUSING: POLYESTER(PBT), GLASS FILLED, UL94V-0, COLOR: BLACK
LIGHT PIPES: POLYCARBONATE, UL-94V2, COLOR: CLEAR
TERMINALS: PHOSPHOR BRONZE
2) FINISH:
TERMINALS:
SELECT GOLD IN CONTACT AREA: 50 MICROINCHES (1.27 MICROMETERS) MIN.,
*SELECT TIN IN PC TAIL AREA: 100 MICROINCHES (2.54 MICROMETERS) MIN.,
WITH OVERALL NICKEL UNDERPLATE: 50 MICROINCHES (1.27 MICROMETERS) MIN.
*THE PRIMARY SHIPPING CARTON WILL BE LABELED "COMPLIANT TO RoHS DIRECTIVE 2002/95/EC AND ELV ANNEX II OF DIRECTIVE 2000/53/EC". CARTONS WITHOUT THIS LABEL MAY CONTAIN PRODUCT WITH TIN-LEAD IN THE PC TAILS.
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.
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.

UNSHIELDED
WITH LIGHT PIPES

CHGD 0117 TO 0119
EC NO: UCP2009-1482
DRWN: IKLOSTEMEIER 2008/12/10
CH'KD: JBELL 2008/12/10
APPR: FSMITH 2008/12/10
DESCRIPTION
REV
C4

QUALITY SYMBOLS
▼=0
▽=0

GENERAL TOLERANCES (UNLESS SPECIFIED)

	mm	INCH
4 PLACES	± ---	± ---
3 PLACES	± ---	± .010
2 PLACES	± 0.25	± ---
1 PLACE	± ---	± ---
ANGULAR ±1/2°		

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

DIMENSION STYLE: IN/MM
SCALE: 4:1
DESIGN UNITS: INCH
THIRD ANGLE PROJECTION

DRAWN BY: MMAYO DATE: 98/10/06
CHECKED BY: JROBERTS DATE: 98/10/06
APPROVED BY: JROBERTS DATE: 98/10/06

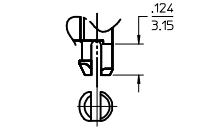
TITLE: GANGED INVERTED MODJACK ASSEMBLY

MOLEX INCORPORATED

MATERIAL NO.: SEE CHART
DOCUMENT NO.: SD-44248-001
SHEET NO.: 1 OF 6

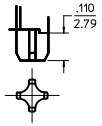
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SNAP-FIT PEG OPTION

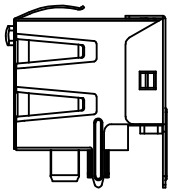
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SEE NOTE #8



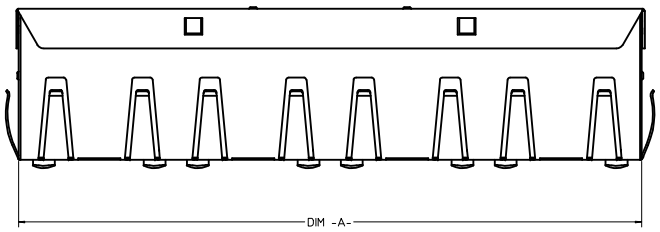
PRESS-FIT PEG OPTION

SCALE: NTS
SEE NOTE #8

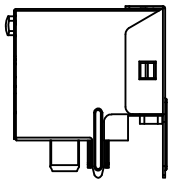
SIDE SHIELD
TAB OPTION A



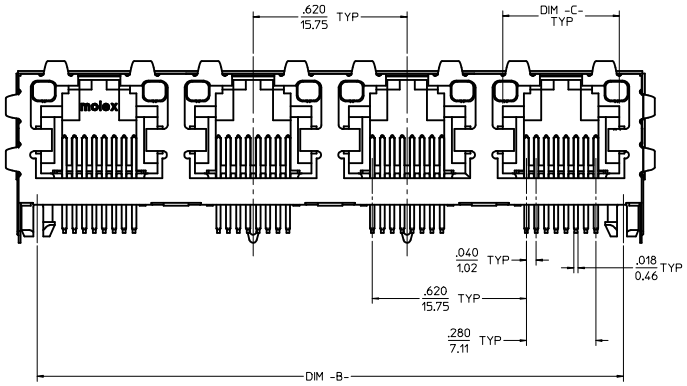
(8) CIRCUIT HOUSING(S)							
ASSEMBLY MATERIAL NUMBER	NUMBER OF CIRCUITS	NUMBER OF PORTS	PEG STYLE	SIDE SHIELD TAB OPTION	DIM -A-	DIM -B-	DIM -C-
44248-0029	8	2	SNAP-FIT	A	1.274/32.36	1.120/28.45	.469/11.92
44248-0030	8	4	SNAP-FIT	A	2.514/63.86	2.360/59.94	.469/11.92
44248-0033	8	2	PRESS-FIT	A	1.274/32.36	1.120/28.45	.469/11.92
44248-0034	8	4	PRESS-FIT	A	2.514/63.86	2.360/59.94	.469/11.92

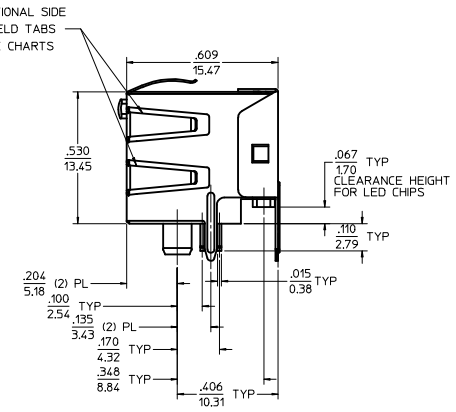


SIDE SHIELD
TAB OPTION B



(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-
44248-0037	6	2	SNAP-FIT	A	1.274/32.36	1.120/28.45	.389/9.88
44248-0038	4	2	SNAP-FIT	A	1.274/32.36	1.120/28.45	.389/9.88
44248-0039	6	4	SNAP-FIT	A	2.514/63.86	2.360/59.94	.389/9.88
44248-0040	4	4	SNAP-FIT	A	2.514/63.86	2.360/59.94	.389/9.88
44248-0045	6	2	PRESS-FIT	A	1.274/32.36	1.120/28.45	.389/9.88
44248-0046	4	2	PRESS-FIT	A	1.274/32.36	1.120/28.45	.389/9.88
44248-0047	6	4	PRESS-FIT	A	2.514/63.86	2.360/59.94	.389/9.88
44248-0048	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
   LIGHT PIPES: POLYCARBONATE, UL-94V2, COLOR: CLEAR
   TERMINALS: PHOSPHOR BRONZE
   SHIELD: BRASS
2) FINISH:
   TERMINALS:
   SELECT GOLD IN CONTACT AREA: 50 MICROINCHES (1.27 MICROMETERS) MIN..
   *SELECT 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
   *THE PRIMARY SHIPPING CARTON WILL BE LABELED "COMPLIANT TO RoHS DIRECTIVE 2002/95/EC AND ELV ANNEX II OF DIRECTIVE 2000/53/EC". CARTONS WITHOUT THIS LABEL MAY CONTAIN PRODUCT WITH TIN-LEAD IN THE PC TAILS AND/OR SHIELD.
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. 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.

SHIELDED
WITH LIGHT PIPES

SEE SHEET 1
EC NO: UCP2009-1482
DRWN: JKLOSTERMEIER 2008/12/10
CH'KD: JBELL 2008/12/10
APPR: FSMITH 2008/12/10
DESCRIPTION
C4
REV

QUALITY SYMBOLS
▼=0
▽=0

GENERAL TOLERANCES (UNLESS SPECIFIED)

	mm	INCH
4 PLACES	± ---	± ---
3 PLACES	± ---	± .010
2 PLACES	± 0.25	± ---
1 PLACE	± ---	± ---
ANGULAR ±1/2°		

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

DIMENSION STYLE: IN/MM
SCALE: 4:1
DESIGN UNITS: INCH
THIRD ANGLE PROJECTION

DRAWN BY: MMAYO DATE: 98/10/06
CHECKED BY: JROBERTS DATE: 98/10/06
APPROVED BY: JROBERTS DATE: 98/10/06

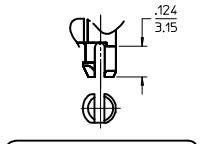
TITLE: GANGED INVERTED MODJACK ASSEMBLY

MOLEX INCORPORATED

MATERIAL NO.: SEE CHART
DOCUMENT NO.: SD-44248-001
SHEET NO.: 2 OF 6

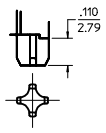
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SNAP-FIT PEG OPTION

SCALE: NTS
SEE NOTE #7



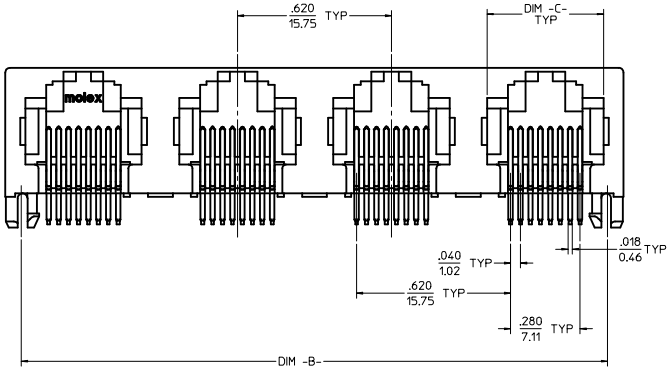
PRESS-FIT PEG OPTION

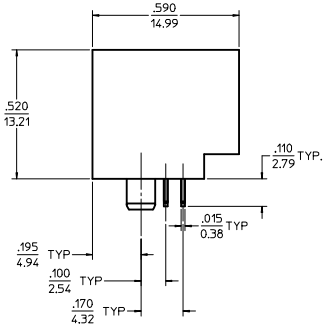
SCALE: NTS
SEE NOTE #7

8 CIRCUIT HOUSING(S)						
ASSEMBLY MATERIAL NUMBER	NUMBER OF CIRCUITS	NUMBER OF PORTS	PEG STYLE	DIM -A-	DIM -B-	DIM -C-
44248-0057	8	2	SNAP-FIT	1.250/31.75	1.120/28.45	.469/11.92
44248-0058	8	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







NOTES:
1) MATERIAL:
HOUSING: POLYESTER(PBT), GLASS FILLED, UL94V-0, COLOR: BLACK
TERMINALS: PHOSPHOR BRONZE
2) FINISH:
TERMINALS:
SELECT GOLD IN CONTACT AREA: 50 MICROINCHES (1.27 MICROMETERS) MIN.,
*SELECT TIN IN PC TAIL AREA: 100 MICROINCHES (2.54 MICROMETERS) MIN.,
WITH OVERALL NICKEL UNDERPLATE: 50 MICROINCHES (1.27 MICROMETERS) MIN.
*THE PRIMARY SHIPPING CARTON WILL BE LABELED "COMPLIANT TO RoHS DIRECTIVE 2002/95/EC AND ELV ANNEX II OF DIRECTIVE 2000/53/EC". CARTONS WITHOUT THIS LABEL MAY CONTAIN PRODUCT WITH TIN-LEAD IN THE PC TAILS.
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.
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.

UNSHIELDED

SEE SHEET 1
EC NO: UCP2009-1482
DRWN: JKLOSTERMEIER 2008/12/10
CH'KD: JBELL 2008/12/10
APPR: FSMITH 2008/12/10
DESCRIPTION
REV
C4

QUALITY SYMBOLS
▼=0
▽=0

GENERAL TOLERANCES (UNLESS SPECIFIED)

	mm	INCH
4 PLACES	± ---	± ---
3 PLACES	± ---	± .010
2 PLACES	± 0.25	± ---
1 PLACE	± ---	± ---
ANGULAR ±1/2°		

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

DIMENSION STYLE: IN/MM
SCALE: 4:1
DESIGN UNITS: INCH
THIRD ANGLE PROJECTION

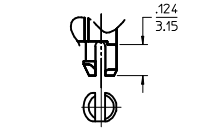
DRAWN BY	MMAYO	DATE 98/10/06
CHECKED BY	JROBERTS	DATE 98/10/06
APPROVED BY	JROBERTS	DATE 98/10/06

TITLE: GANGED INVERTED MODJACK ASSEMBLY

MOLEX INCORPORATED

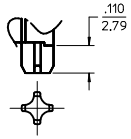
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DOCUMENT NO.: SD-44248-001
SHEET NO.: 3 OF 6
SIZE: D

THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION



SNAP-FIT PEG OPTION

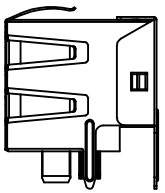
SCALE: NTS
SEE NOTE #7



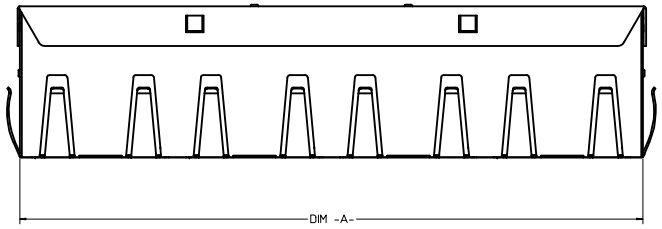
PRESS-FIT PEG OPTION

SCALE: NTS
SEE NOTE #7

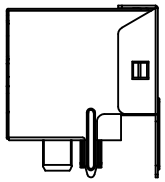
SIDE SHILED
TAB OPTION A



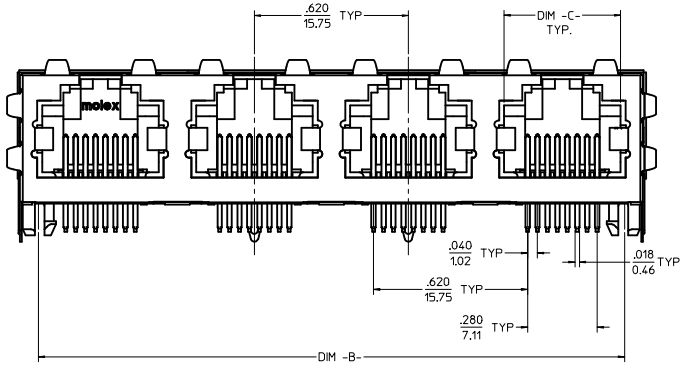
(8) CIRCUIT HOUSING(S)								
X = NOT TOOLED	ASSEMBLY MATERIAL NUMBER	NUMBER OF CIRCUITS	NUMBER OF PORTS	PEG STYLE	SIDE SHIELD TAB OPTION	DIM -A-	DIM -B-	DIM -C-
	44248-0085	8	2	SNAP-FIT	A	1.274/32.36	1.120/28.45	.469/11.92
	44248-0086	8	4	SNAP-FIT	A	2.514/63.86	2.360/59.94	.469/11.92
	44248-0089	8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

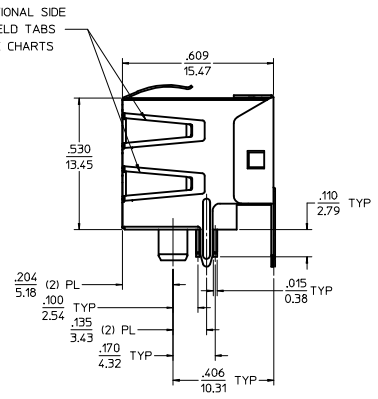


SIDE SHILED
TAB OPTION B



(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 MICROINCHES (1.27 MICROMETERS) MIN.,
*SELECT 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
*THE PRIMARY SHIPPING CARTON WILL BE LABELED "COMPLIANT TO RoHS DIRECTIVE 2002/95/EC AND ELV ANNEX II OF DIRECTIVE 2000/53/EC". CARTONS WITHOUT THIS LABEL MAY CONTAIN PRODUCT WITH TIN-LEAD IN THE PC TAILS AND/OR SHIELD.
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.
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.

SHIELDED

CHGD 0117 TO 0119
EC NO: UCP2009-1482
DRWN: KLOSTERMEIER 2008/12/10
CHKD: JBELL 2008/12/10
APPR: FSMITH 2008/12/10
DESCRIPTION
REV
C4

QUALITY SYMBOLS
▼=0
▽=0

GENERAL TOLERANCES (UNLESS SPECIFIED)

	mm	INCH
4 PLACES	± ---	± ---
3 PLACES	± ---	± .010
2 PLACES	± 0.25	± ---
1 PLACE	± ---	± ---
ANGULAR ±1/2°		

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

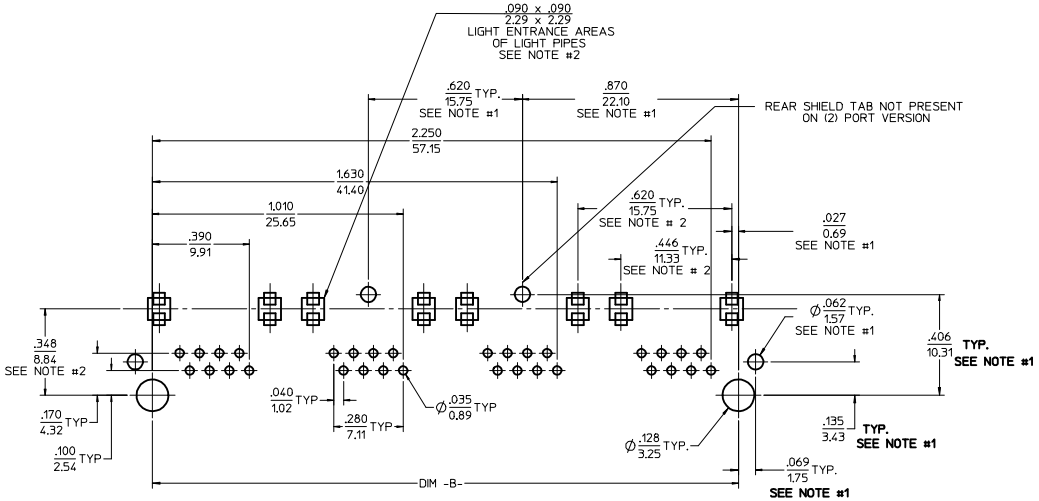
DIMENSION STYLE: IN/MM
SCALE: 4:1
DESIGN UNITS: INCH
THIRD ANGLE PROJECTION

DRAWN BY	MMAYO
DATE	98/10/06
CHECKED BY	JROBERTS
DATE	98/10/06
APPROVED BY	JROBERTS
DATE	98/10/06
MATERIAL NO.	SEE CHART
DOCUMENT NO.	SD-44248-001
SHEET NO.	4 OF 6
SIZE	D

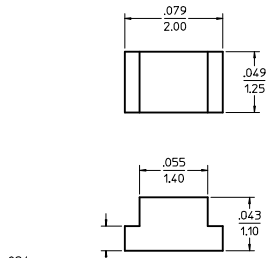
TITLE: GANGED INVERTED MODJACK ASSEMBLY

MOLEX INCORPORATED

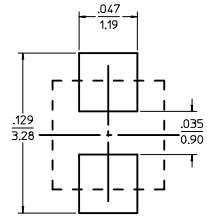
THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION



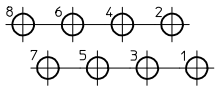
8 CIRCUIT PCB LAYOUT: COMPONENT SIDE
RECOMMENDED PCB THICKNESS: .062/1.57
TOLERANCE ±.003/.076 UNLESS OTHERWISE SPECIFIED



RECOMMENDED SMT
LED DIMENSIONS
SCALE: NTS
(SEE NOTE 3)



RECOMMENDED SMT
LED SOLDER PATTERN
SCALE: NTS



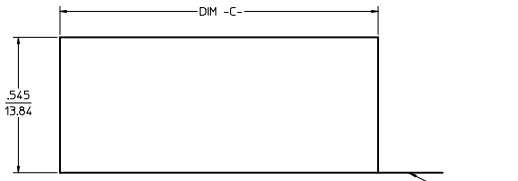
TYPICAL PC TERMINAL HOLE LAYOUT
(8) CIRCUIT CONFIGURATION
SCALE: 10:1

NOTES:

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.



RECOMMENDED PANEL CUTOUT

NUMBER OF PORTS	DIM -B-	DIM -C-
2	1.120/28.45	1.280/32.51
4	2.360/59.94	2.520/64.01

SEE SHEET 1
EC NO: UCP2009-1482 2008/12/10
DRWN: JKLOSTEMEIER 2008/12/10
CHKD: JBELL 2008/12/10
APPR: FSMITH 2008/12/10
DESCRIPTION
C4
REV

QUALITY SYMBOLS
▼=0
▽=0

GENERAL TOLERANCES (UNLESS SPECIFIED)

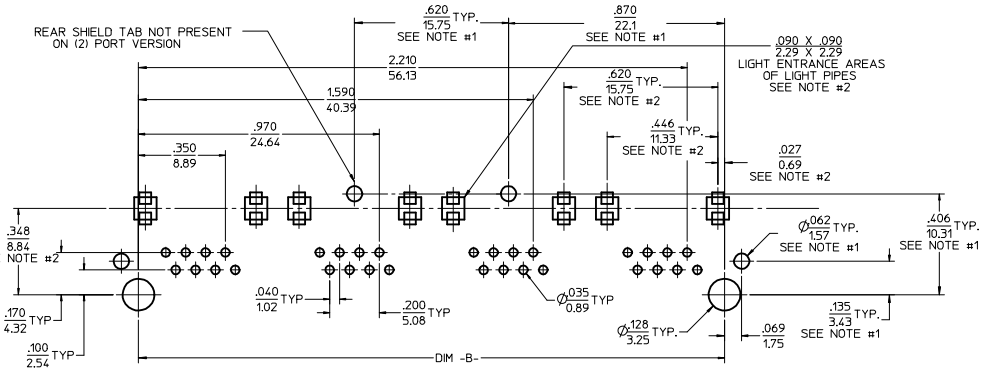
	mm	INCH
4 PLACES	± ---	± ---
3 PLACES	± ---	± .010
2 PLACES	± 0.25	± ---
1 PLACE	± ---	± ---
ANGULAR ±1/2°		

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

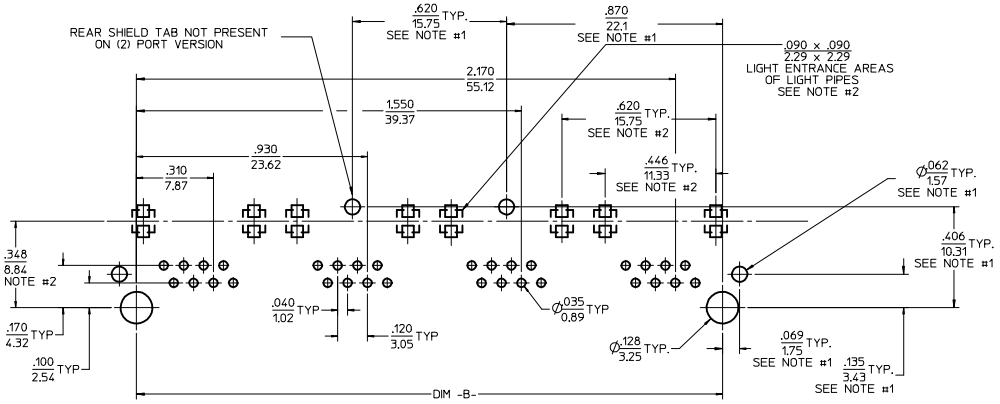
DIMENSION STYLE: IN/MM	SCALE: 4:1	DESIGN UNITS: INCH	THIRD ANGLE PROJECTION
DRAWN BY: MMAYO	DATE: 98/10/06	TITLE: GANGED INVERTED MODJACK ASSEMBLY	
CHECKED BY: JROBERTS	DATE: 98/10/06		
APPROVED BY: JROBERTS	DATE: 98/10/06	molex MOLEX INCORPORATED	
MATERIAL NO.: N/A		DOCUMENT NO.: SD-44248-001	SHEET NO.: 5 OF 6

SIZE D

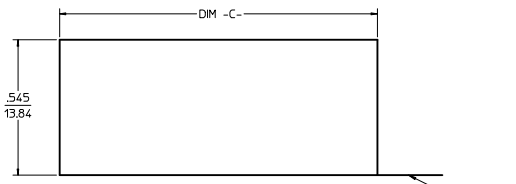
THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION



6 CIRCUIT PCB LAYOUT: COMPONENT SIDE
RECOMMENDED PCB THICKNESS: .062/1.57
TOLERANCE ±.003/.076 UNLESS OTHERWISE SPECIFIED

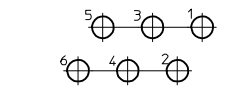


4 CIRCUIT PCB LAYOUT: COMPONENT SIDE
RECOMMENDED PCB THICKNESS: .062/1.57
TOLERANCE ±.003/.076 UNLESS OTHERWISE SPECIFIED

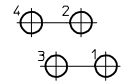


RECOMMENDED PANEL CUTOUT

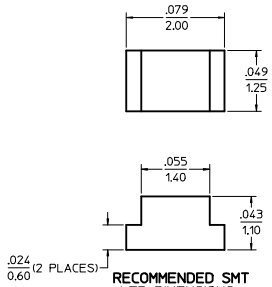
NUMBER OF PORTS	DIM -B-	DIM -C-
2	1.120/28.45	1.280/32.51
4	2.360/59.94	2.520/64.01



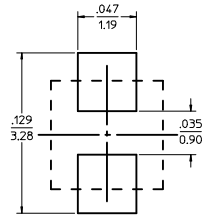
TYPICAL PC TERMINAL HOLE LAYOUT
(6) CIRCUIT CONFIGURATION
SCALE: 10:1



TYPICAL PC TERMINAL HOLE LAYOUT
(4) CIRCUIT CONFIGURATION
SCALE: 10:1



RECOMMENDED SMT
LED DIMENSIONS
SCALE: NTS
(SEE NOTE 3)



RECOMMENDED SMT
LED SOLDER PATTERN
SCALE: NTS

NOTES:

1) DIMENSIONS MARKED "SEE NOTE #1" REFER TO ASSEMBLIES WITH 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.

SEE SHEET 1
EC NO: UCP2009-1482
DRWN: KLOSTEMEIER 2008/12/10
CHKD: JBELL 2008/12/10
APPR: SMITH 2008/12/10
DESCRIPTION
REV
C4

QUALITY SYMBOLS
▼=0
▽=0

GENERAL TOLERANCES (UNLESS SPECIFIED)

	mm	INCH
4 PLACES	± ---	± ---
3 PLACES	± ---	± .010
2 PLACES	± 0.25	± ---
1 PLACE	± ---	± ---
ANGULAR ±1/2°		

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

DIMENSION STYLE: IN/MM
SCALE: 4:1
DESIGN UNITS: INCH
THIRD ANGLE PROJECTION

DRAWN BY: MMAYO DATE: 98/10/06
CHECKED BY: JROBERTS DATE: 98/10/06
APPROVED BY: JROBERTS DATE: 98/10/06

TITLE: GANGED INVERTED MODJACK ASSEMBLY

MOLEX INCORPORATED

MATERIAL NO.: N/A
DOCUMENT NO.: SD-44248-001
SHEET NO.: 6 OF 6
SIZE: D

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