

NOTES

1) MATERIAL:

HOUSING: GLASS FILLED NYLON, 94V-0 COLOR: BLACK
TERMINALS: PHOSPHOR BRONZE, .015/(0.38) THICK
SHIELD: BRASS

2) PLATING:

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 TAIL AREA.

3) PRODUCT SPECIFICATION:

CONNECTOR PERFORMANCE SPECIFICATIONS PER MOLEX
PRODUCT SPECIFICATION PS-43860-003

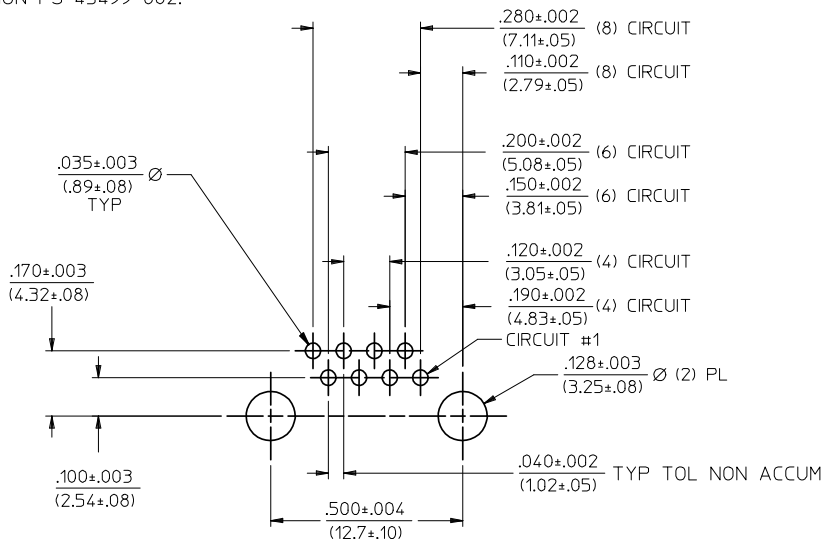
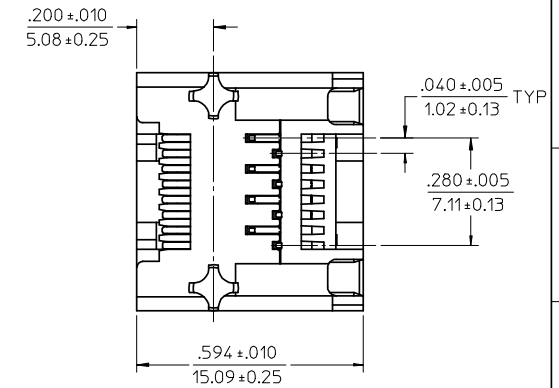
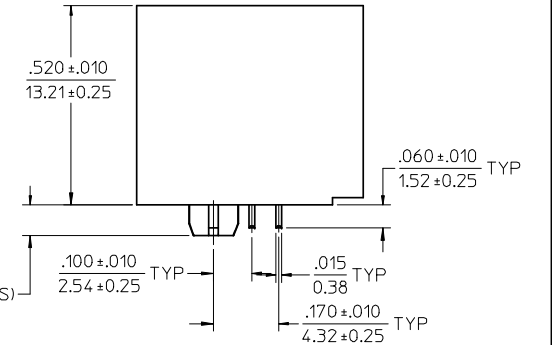
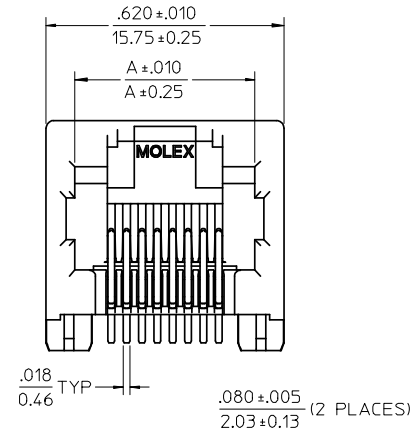
4) PACKAGING OPTIONS:

CONNECTOR ASSEMBLIES IN EXTRUDED TUBES
PER PACKAGING SPECIFICATION PK-43860-004

5) ALL UNTOLERANCED DIMENSIONS ARE SHOWN FOR REFERENCE ONLY

6) CONFORMS TO F.C.C. REGULATION PART 68.5 FOR MODULAR JACKS.

7) THIS PART CONFORMS TO CLASS B REQUIREMENTS OF COSMETIC SPECIFICATION PS-45499-002.



PC BOARD LAYOUT
COMPONENT SIDE OF BOARD
RECOMMENDED PC BOARD THICKNESS .039/1.00

MATERIAL NUMBER	CONNECTOR SIZE	DIM. "A"	CIRCUITS
44380-0001	8	.470/11.94	8
44380-0002	6	.389/9.88	6
44380-0003	6	.389/9.88	4
44380-0019	8	.470/11.94	4

RECREATED IN 3D EC NO: UCP2008-0965 2007/11/08 DRWN:JBELL CHKD:LSCHMIDT 2007/12/04 APPR:FSMITH 2007/12/05	DESCRIPTION
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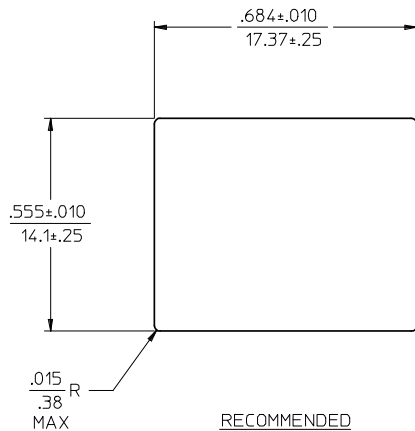
QUALITY SYMBOLS
▽=0
▽=0

GENERAL TOLERANCES (UNLESS SPECIFIED)
mm INCH
4 PLACES ± --- ± ---
3 PLACES ± --- ± ---
2 PLACES ± --- ± ---
1 PLACE ± --- ± ---
ANGULAR ±1/2°
DRAFT WHERE APPLICABLE
MUST REMAIN
WITHIN DIMENSIONS

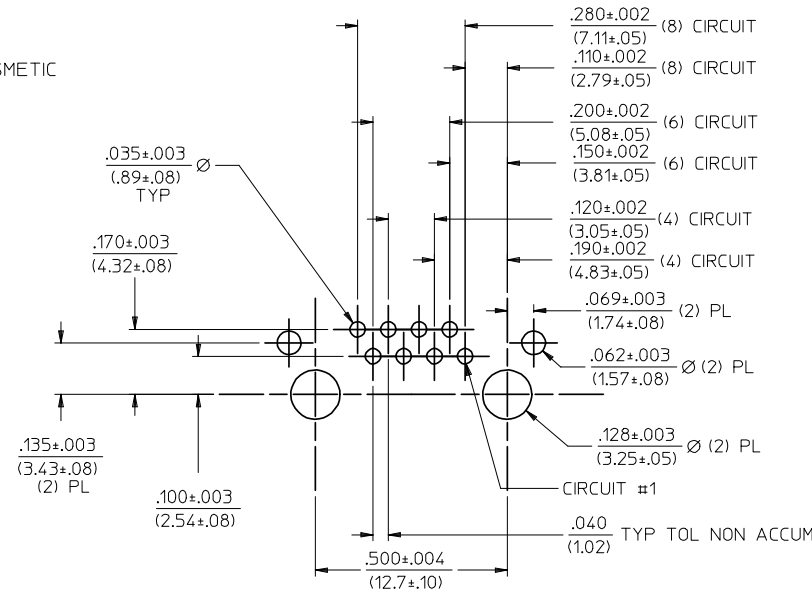
DIMENSION STYLE IN/MM
DRAWN BY DATE
MAYO 1999/04/09
CHECKED BY DATE
ROBERTS 1999/04/09
APPROVED BY DATE
ROBERTS 1999/04/09
MATERIAL NO.
SEE CHART
SIZE C

SCALE 4:1
DESIGN UNITS INCH
THIRD ANGLE PROJECTION
TITLE
INVERTED MODULAR JACK ASSEMBLY (MINI-PCI COMPLIANT)
MOLEX INCORPORATED
DOCUMENT NO. SD-44380-001
SHEET NO. 1 OF 5
THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION

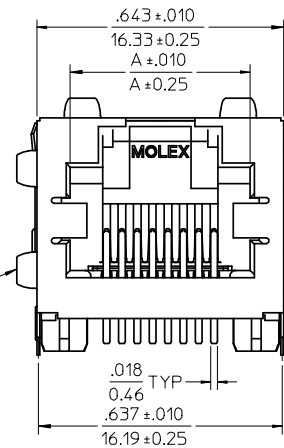
- NOTES
- 1) MATERIAL:
HOUSING: GLASS FILLED NYLON, 94V-0 COLOR: BLACK
TERMINALS: PHOSPHOR BRONZE, .015/(0.38) THICK
SHIELD: BRASS
- 2) PLATING:
TERMINALS:
SELECT GOLD IN CONTACT AREA: 50 MICROINCHES (1.27 MICROMETERS) MIN.,
*SELECT TIN IN PC TAIL AREA: 100 MICROINCHES (2.54 MICROMETERS) MIN.,
WITH OVERALL 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 TAIL AREA.
- 3) PRODUCT SPECIFICATION:
CONNECTOR PERFORMANCE SPECIFICATIONS PER MOLEX
PRODUCT SPECIFICATION PS-43860-003
- 4) PACKAGING OPTIONS:
CONNECTOR ASSEMBLIES IN THERMOFORMED TRAYS
PER PACKAGING SPECIFICATION PK-44380-005
OPTION (44380-2004) PACKAGED IN TAPE AND REEL
- 5) ALL UNTOLERANCED DIMENSIONS ARE SHOWN FOR
REFERENCE ONLY
- 6) CONFORMS TO F.C.C. REGULATION PART 68.5 FOR MODULAR JACKS
- 7) AVAILABLE WITH THE (2) SPECIFIED PANEL GROUND TABS
OMITTED FOR SIDE TO SIDE STACKABILITY, PER THE
ASSEMBLY MATERIAL NUMBER TABLE.
- 8) THIS PART CONFORMS TO CLASS B REQUIREMENTS OF COSMETIC
SPECIFICATION PS-45499-002.



RECOMMENDED
PANEL
OPENING

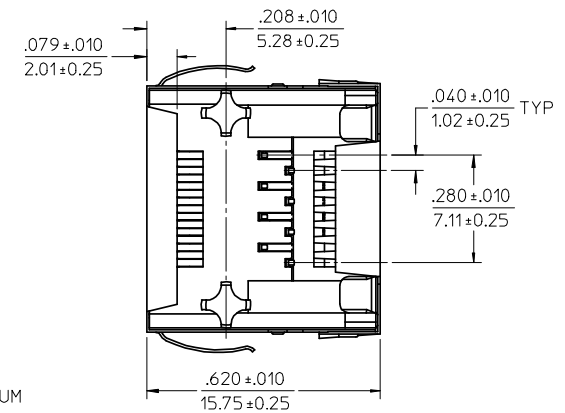
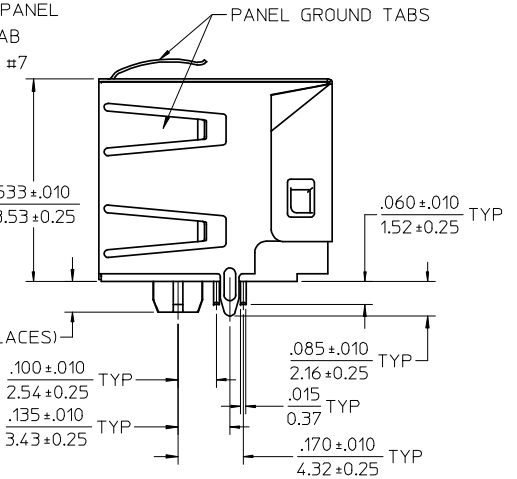


PC BOARD LAYOUT
COMPONENT SIDE OF BOARD
RECOMMENDED PC BOARD THICKNESS: .039/1.00



OPTIONAL PANEL
GROUND TAB
SEE NOTE #7

OPTIONAL PANEL
GROUND TAB
SEE NOTE #7



MATERIAL NUMBER	CONNECTOR SIZE	DIM. "A"	CIRCUITS	PANEL GROUND TABS
44380-0004	8	.470/11.94	8	ALL
44380-0005	6	.389/9.88	6	ALL
44380-0006	6	.389/9.88	4	ALL
44380-0013	8	.470/11.94	8	SEE NOTE #7
44380-0014	6	.389/9.88	6	SEE NOTE #7
44380-0015	6	.389/9.88	4	SEE NOTE #7
44380-2004	8	.470/11.94	8	ALL

SEE SHEET 1	QUALITY SYMBOLS
EC NO: UCP2008-0965	▽=0
DRWN:JBELL	▽=0
CHKD:LSCHMIDT	
APPR:FSM/TH	

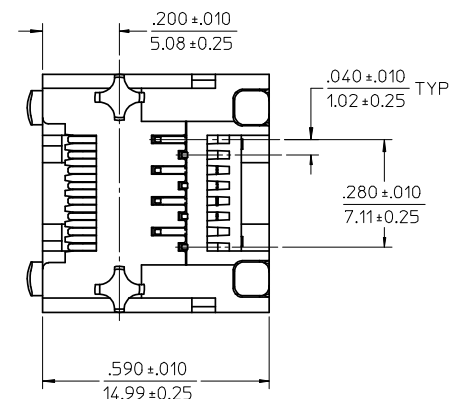
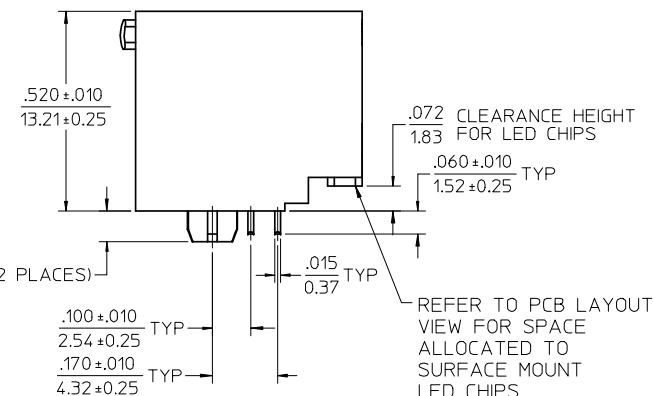
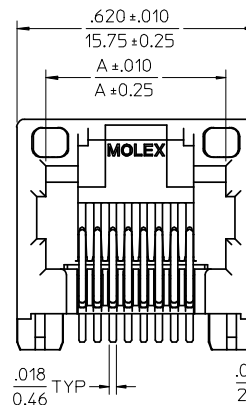
GENERAL TOLERANCES (UNLESS SPECIFIED)
4 PLACES ± --- ± ---
3 PLACES ± --- ± ---
2 PLACES ± --- ± ---
1 PLACE ± --- ± ---
ANGULAR ±1/2°
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

DIMENSION STYLE	SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION
IN/MM	4:1	INCH	
DRAWN BY	DATE	TITLE	
MAYO	1999/04/09	INVERTED MODULAR JACK ASSEMBLY (MINI-PCI COMPLIANT)	
CHECKED BY	DATE		
ROBERTS	1999/04/09		
APPROVED BY	DATE		
ROBERTS	1999/04/09		

MATERIAL NO.	DOCUMENT NO.	SHEET NO.
SEE CHART	SD-44380-001	2 OF 5
THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION		

NOTES

- 1) MATERIAL:
HOUSING:
GLASS FILLED NYLON, 94V-0, COLOR: BLACK
TERMINALS:
PHOSPHOR BRONZE, .015/(0.38) THK
LIGHTPIPE:
POLYCARBONATE- WAVE OR HAND SOLDER ONLY
(NOT DESIGNED FOR I/R REFLOW OR CONVECTION REFLOW
SOLDER PROCESSES)
POLYSULFONE - MAXIMUM REFLOW TEMPERATURE: 400°F (205°C)
- 2) PLATING:
TERMINAL:
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 TAIL AND/OR SHIELD.
- 3) PRODUCT SPECIFICATION:
CONNECTOR PERFORMANCE SPECIFICATIONS PER MOLEX
PRODUCT SPECIFICATION PS-43860-003
- 4) PACKAGING:
PER PACKAGING SPECIFICATION PK-43860-004
- 5) APPLICATION SPECIFICATION: AS-43860-001.
- 6) ALL UNTOLERANCED DIMENSIONS ARE SHOWN FOR REFERENCE ONLY.
- 7) CONFORMS TO F.C.C. REGULATION PART 68.5 FOR MODULAR JACKS.
- 8) REFER TO PAGE (5) OF (5) FOR RECOMMENDED PCB LAYOUT.
- 9) THIS PART CONFORMS TO CLASS B REQUIREMENTS OF COSMETIC
SPECIFICATION PS-45499-002.



MATERIAL NUMBER	LIGHTPIPE MATERIAL	CONNECTOR SIZE	DIM. "A"	CIRCUITS
44380-0007	POLYCARBONATE	8	.470/11.94	8
44380-0008	POLYCARBONATE	6	.389/9.88	6
44380-0009	POLYCARBONATE	6	.389/9.88	4
44380-0020	POLYSULFONE	8	.470/11.94	8
44380-0021	POLYSULFONE	6	.389/9.88	6
44380-0022	POLYSULFONE	6	.389/9.88	4

SEE SHEET 1
EC NO: UCP2008-0965
DRWN:JBELL 2007/11/08
CHKD:LSCHMIDT 2007/12/04
APPR:FSMITH 2007/12/05

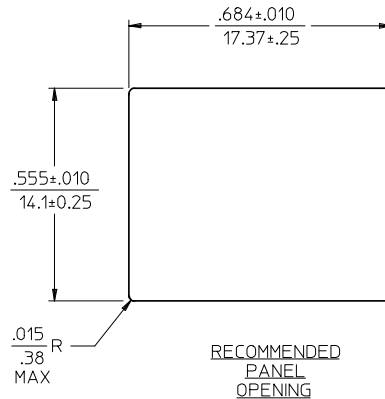
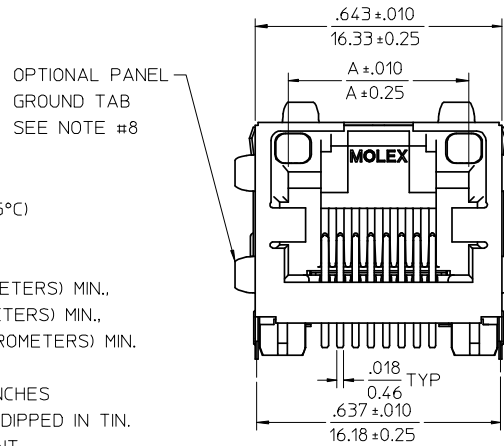
QUALITY SYMBOLS
▽=0
▽=0

GENERAL TOLERANCES (UNLESS SPECIFIED)
mm INCH
4 PLACES ± --- ± ---
3 PLACES ± --- ± ---
2 PLACES ± --- ± ---
1 PLACE ± --- ± ---
ANGULAR ±1/2°
DRAFT WHERE APPLICABLE
MUST REMAIN
WITHIN DIMENSIONS

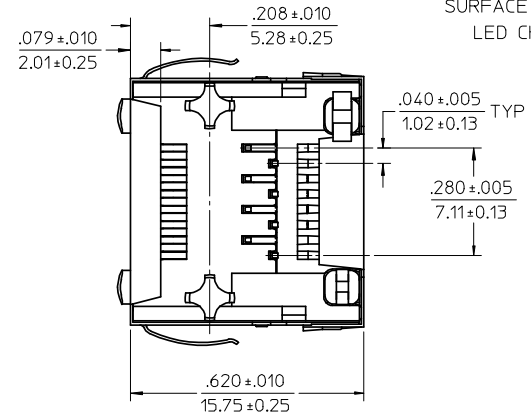
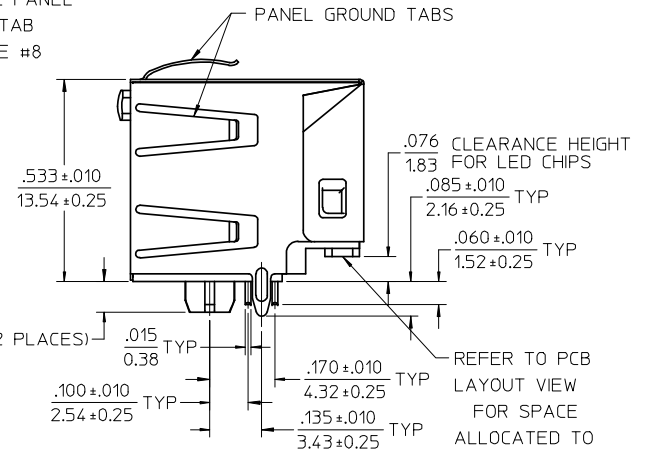
DIMENSION STYLE IN/MM
DRAWN BY DATE
MAYO 1999/04/09
CHECKED BY DATE
ROBERTS 1999/04/09
APPROVED BY DATE
ROBERTS 1999/04/09
MATERIAL NO.
SEE CHART
SIZE C

SCALE 4:1
DESIGN UNITS INCH
THIRD ANGLE PROJECTION
INVERTED MODULAR JACK ASSEMBLY (MINI-PCI COMPLIANT)
MOLEX INCORPORATED
DOCUMENT NO. SD-44380-001
SHEET NO. 3 OF 5
THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION

- NOTES
- 1) MATERIAL:
- HOUSING:
- GLASS FILLED NYLON, 94V-0, COLOR: BLACK
- TERMINALS:
- PHOSPHOR BRONZE, .015/(0.38) THK
- SHIELD:
- BRASS
- LIGHTPIPE:
- POLYCARBONATE - WAVE OR HAND SOLDER ONLY
(NOT DESIGNED FOR I/R REFLOW OR CONVECTION REFLOW
SOLDER PROCESSES)
- POLYSULFONE - MAXIMUM REFLOW TEMPERATURE: 400°F (205°C)
- 2) PLATING:
- TERMINAL:
- 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
2002/53/EC". CARTONS WITHOUT THIS LABEL MAY CONTAIN
PRODUCT WITH TIN-LEAD IN THE PC TAIL AND/OR SHIELD.
- 3) PRODUCT SPECIFICATION:
- CONNECTOR PERFORMANCE SPECIFICATIONS PER MOLEX
PRODUCT SPECIFICATION PS-43860-003.
- 4) PACKAGING:
- CONNECTOR ASSEMBLIES IN THERMOFORMED TRAYS
PER PACKAGING SPECIFICATION PK-44380-005 .
- 5) APPLICATION SPECIFICATION: AS-43860-001.
- 6) ALL UNTOLERANCED DIMENSIONS ARE SHOWN FOR
REFERENCE ONLY.
- 7) CONFORMS TO F.C.C. REGULATION PART 68.5
FOR MODULAR JACKS.
- 8) AVAILABLE WITH THE (2) SPECIFIED PANEL GROUND TABS
OMITTED FOR SIDE TO SIDE STACKABILITY, PER THE
ASSEMBLY MATERIAL NUMBER TABLE.
- 9) REFER TO SHEET (5) OF (5) FOR RECOMMENDED PCB LAYOUT.
- 10) THIS PART CONFORMS TO CLASS B REQUIREMENTS OF COSMETIC
SPECIFICATION PS-45499-002.



OPTIONAL PANEL
GROUND TAB
SEE NOTE #8



MATERIAL NUMBER	LIGHTPIPE MATERIAL	CONN SIZE	DIM. "A"	CIRCUITS	PANEL GROUND TABS
44380-0010	POLYCARBONATE	8	.470/11.94	8	ALL
44380-0011	POLYCARBONATE	6	.389/9.88	6	ALL
44380-0012	POLYCARBONATE	6	.389/9.88	4	ALL
44380-0016	POLYCARBONATE	8	.470/11.94	8	SEE NOTE #8
44380-0017	POLYCARBONATE	6	.389/9.88	6	SEE NOTE #8
44380-0018	POLYCARBONATE	6	.389/9.88	4	SEE NOTE #8
44380-1010	POLYSULFONE	8	.470/11.94	8	ALL
44380-1011	POLYSULFONE	6	.389/9.88	6	ALL
44380-1012	POLYSULFONE	6	.389/9.88	4	ALL
44380-1016	POLYSULFONE	8	.470/11.94	8	SEE NOTE #8
44380-1017	POLYSULFONE	6	.389/9.88	6	SEE NOTE #8
44380-1018	POLYSULFONE	6	.389/9.88	4	SEE NOTE #8

SEE SHEET 1
EC NO: WCP2008-0965
DRWN:JBELL 2007/11/08
CHKD:LSCHMIDT 2007/12/04
APPR:FSM1TH 2007/12/05

QUALITY
SYMBOLS
▽=0
▽=0

GENERAL TOLERANCES
(UNLESS SPECIFIED)

	mm	INCH
4 PLACES ±	---	---
3 PLACES ±	---	---
2 PLACES ±	---	---
1 PLACE ±	---	---

ANGULAR ±1/2°

DRAFT WHERE APPLICABLE
MUST REMAIN
WITHIN DIMENSIONS

DIMENSION STYLE
IN/MM

DRAWN BY DATE
MAYO 1999/04/09

CHECKED BY DATE
ROBERTS 1999/04/09

APPROVED BY DATE
ROBERTS 1999/04/09

MATERIAL NO.
SEE CHART

SIZE
C

SCALE
4:1

DESIGN UNITS
INCH

THIRD ANGLE
PROJECTION

INVERTED MODULAR
JACK ASSEMBLY
(MINI-PCI COMPLIANT)

MOLEX INCORPORATED

DOCUMENT NO.
SD-44380-001

SHEET NO.
4 OF 5

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INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION

