

NOTES:

1) MATERIAL:

HOUSING: NYLON(PA), GLASS FILLED, UL94V-0, COLOR: SEE CHART

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.

3) PRODUCT SPECIFICATION: PS-43860-003.

4) PACKAGING SPECIFICATION:

CONNECTOR ASSEMBLIES PACKAGED IN EXTRUDED TUBES PER MOLEX

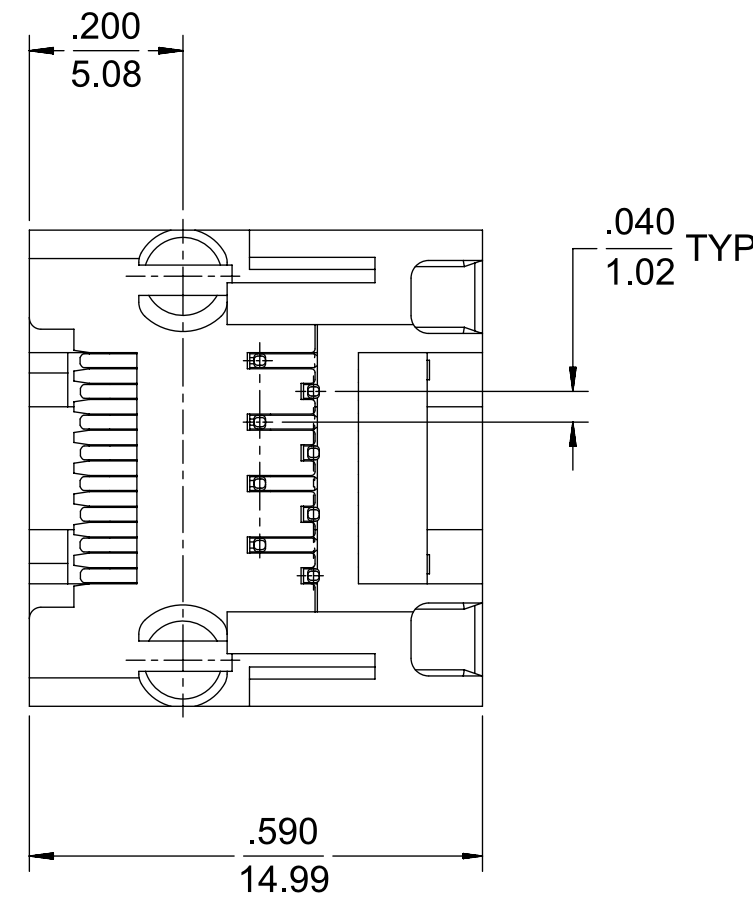
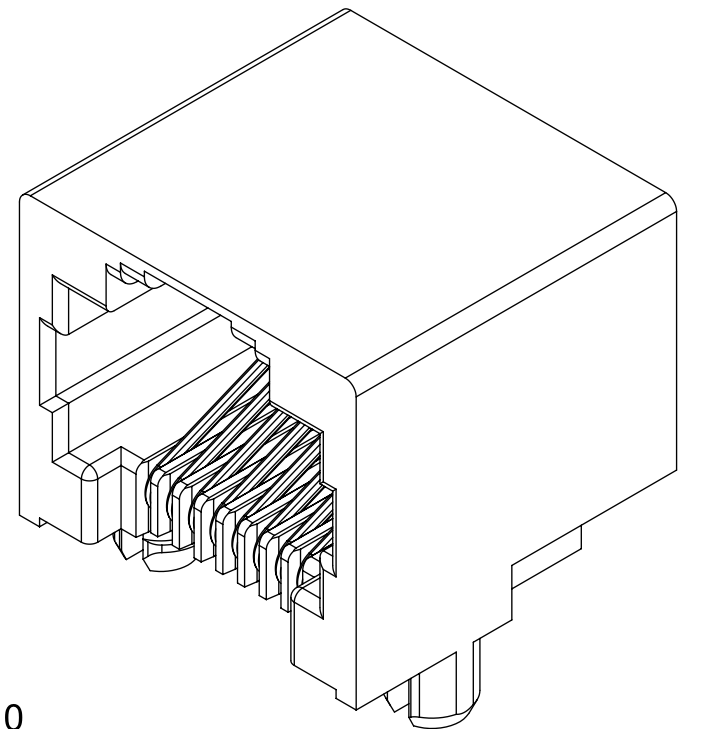
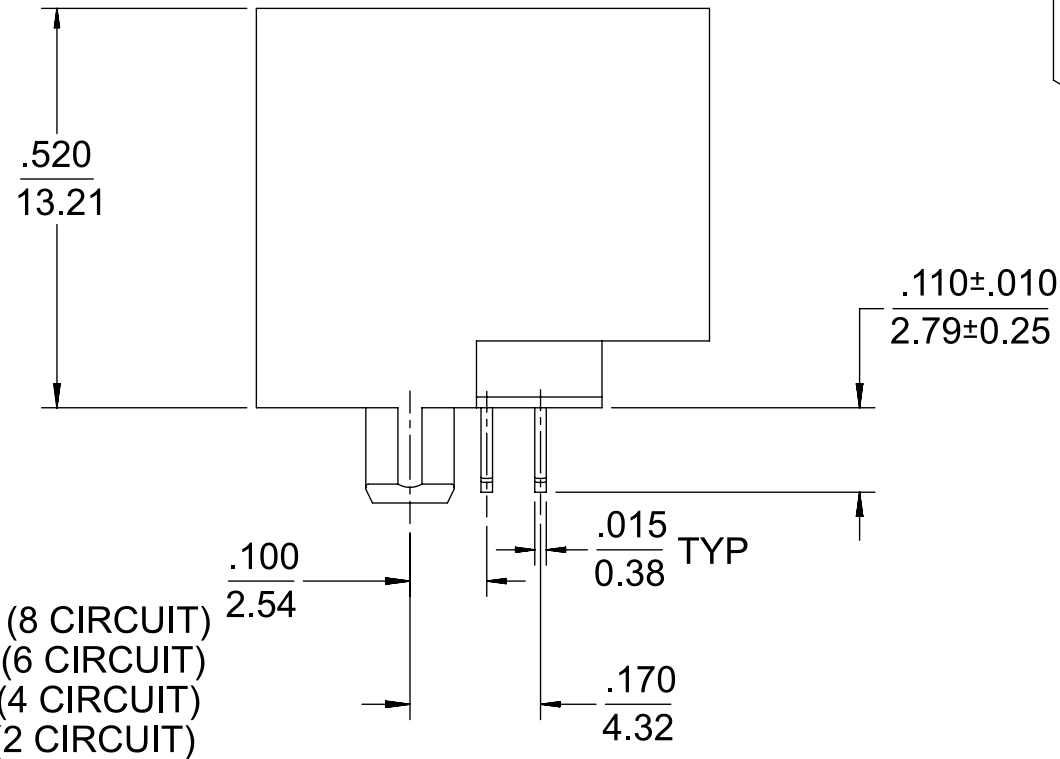
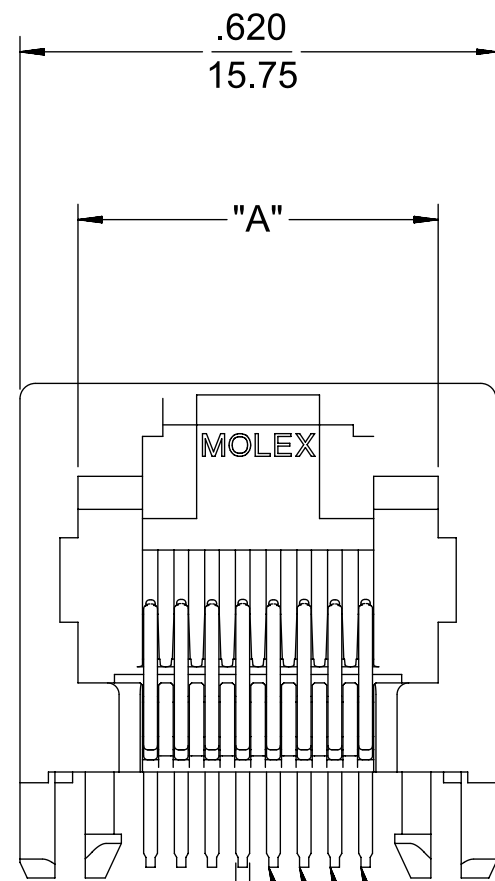
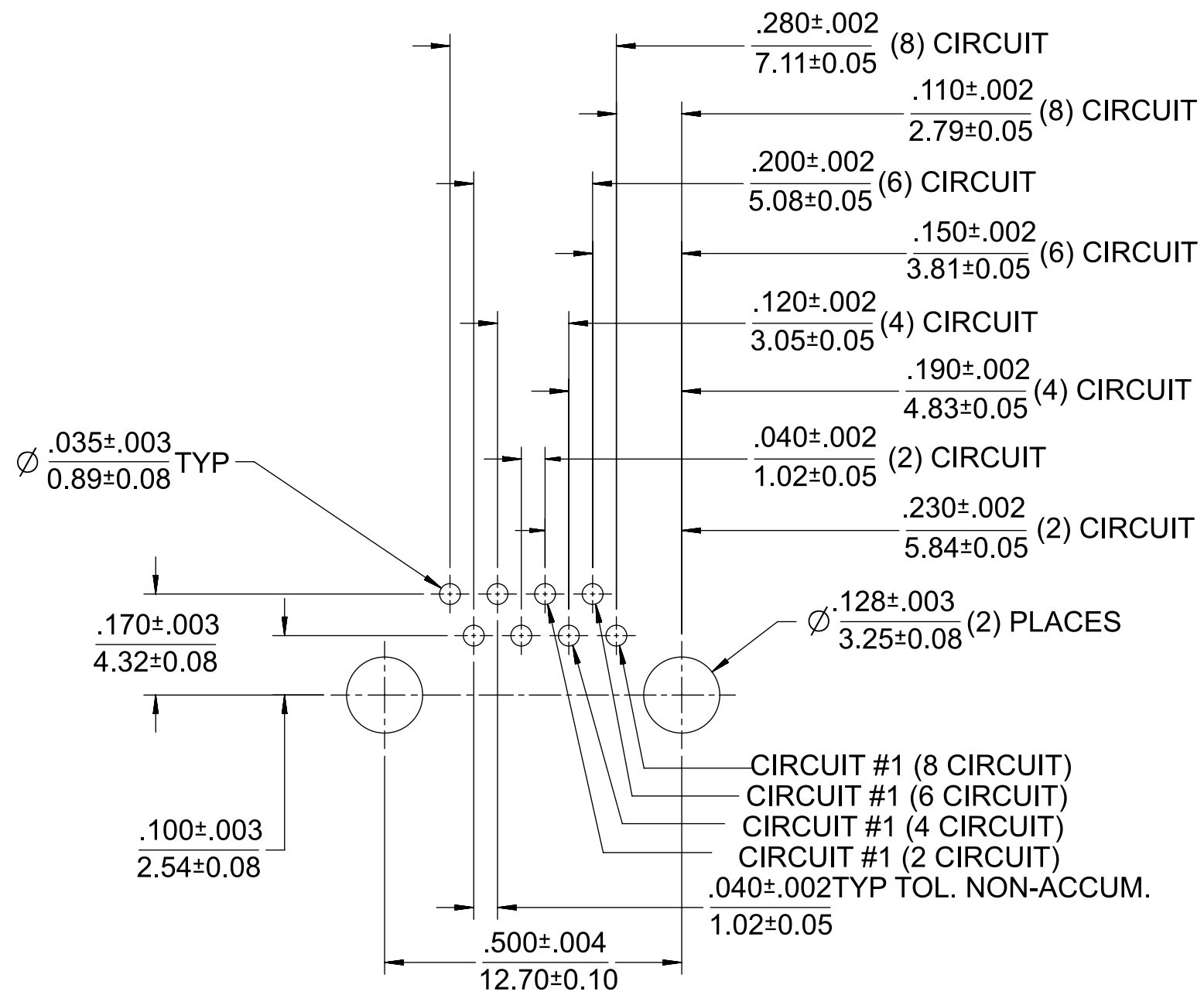
PACKAGING SPECIFICATION PK-43860-004.

5) ALL UNTOLERANCED DIMENSIONS ARE SHOWN FOR REFERENCE ONLY.

6) CONFORMS TO FCC REGULATION PART 68.5 FOR MODULAR JACKS.

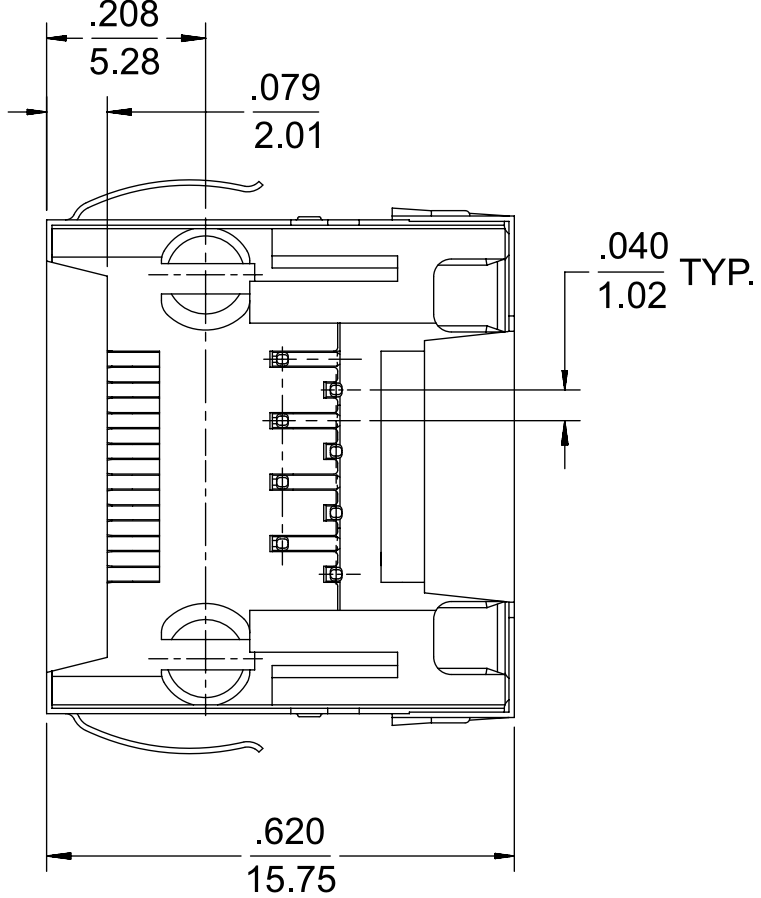
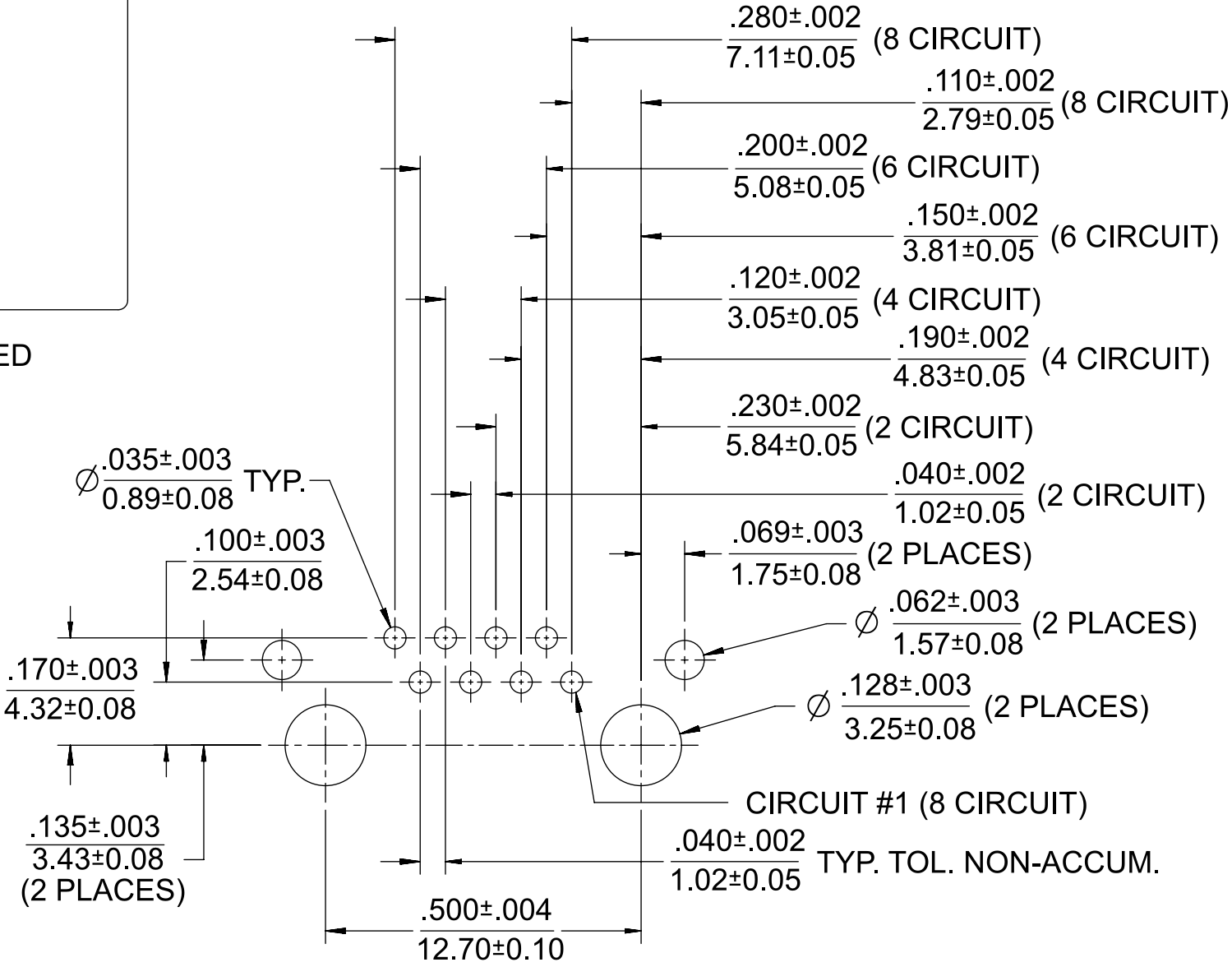
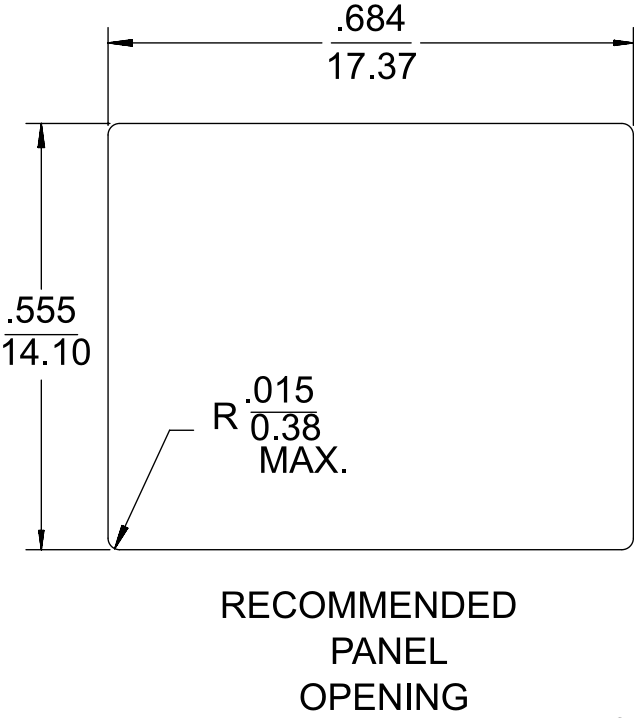
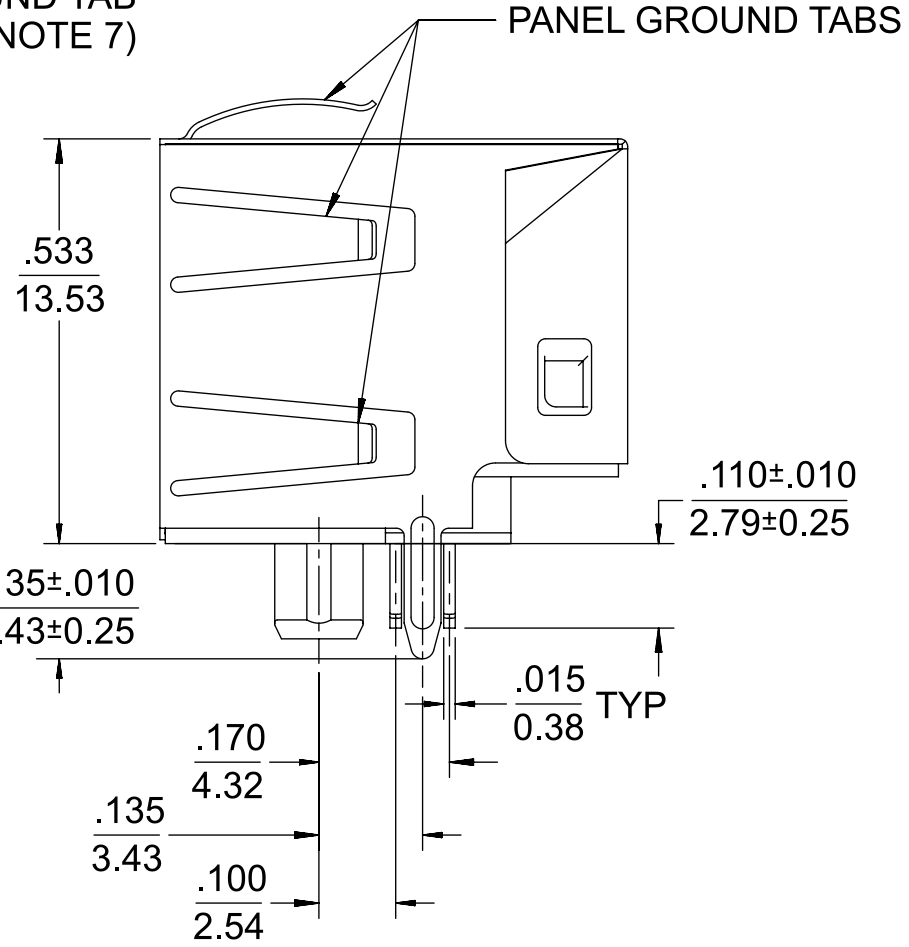
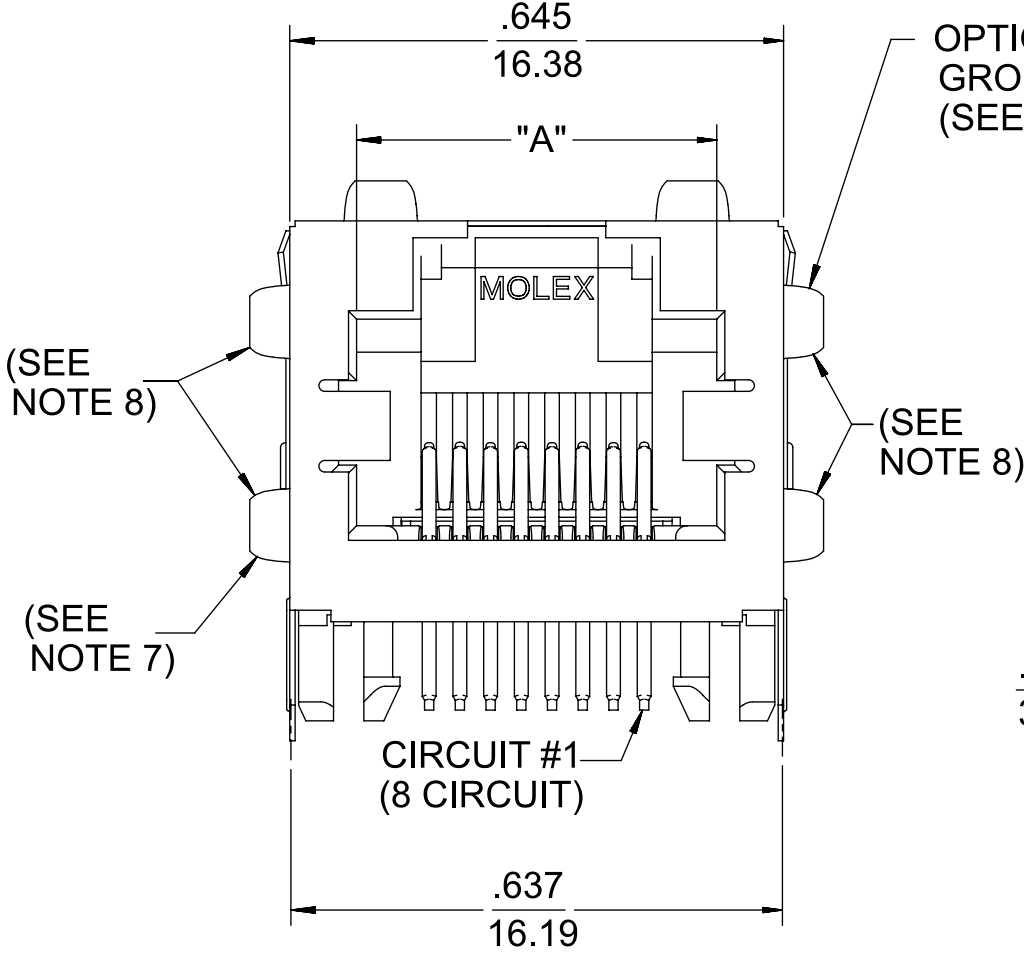
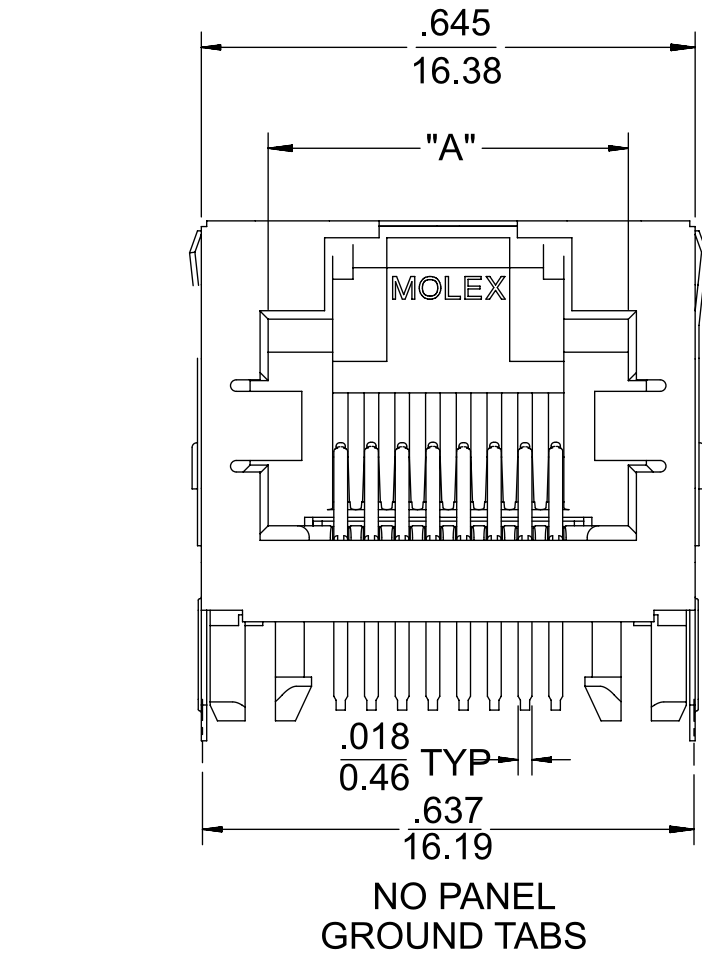
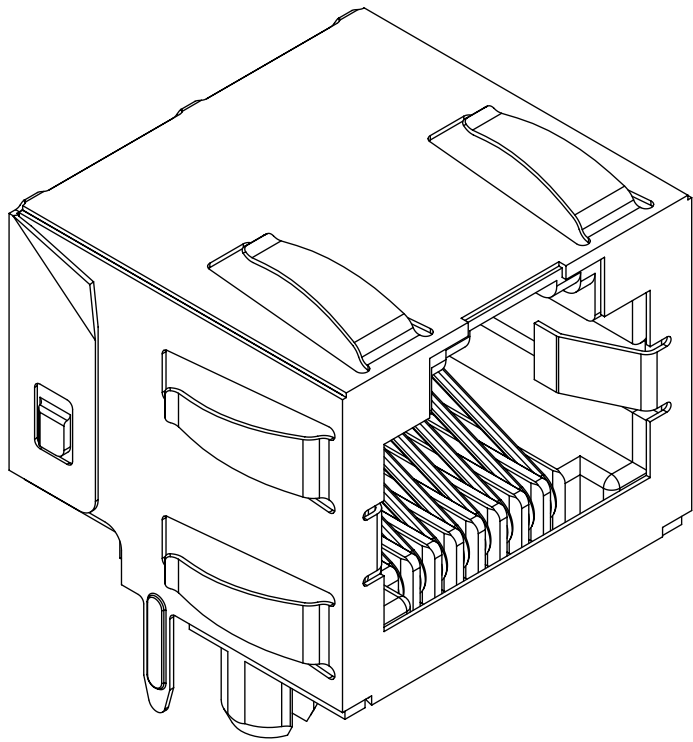
7) THIS PART CONFORMS TO CLASS B REQUIREMENTS OF COSMETIC

SPECIFICATION PS-45499-002.



ASSEMBLY MAT. NUM.	CONNECTOR SIZE	DIM "A"	CIRCUITS	HOUSING COLOR
43860-0001	8	.469/11.91	8	BLACK
43860-0002	6	.389/9.88	6	BLACK
43860-0003	6	.389/9.88	4	BLACK
43860-0020	6	.389/9.88	2	BLACK

FUNCTIONAL SYMBOLS		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION													
		DIMENSION UNITS		SCALE		CURRENT REV DESC: REMOVED OBSOLETE PART NUMBERS AS PER PCN#512600		molex							
		IN/mm		4:1											
		GENERAL TOLERANCES (UNLESS SPECIFIED)													
DIVISIONAL SYMBOLS				MM		INCH		PHASE: CO NO: DRWN: Madhava M2023-10-26 CHK'D: Ganesh Rao B2023-12-20 APPR: Gurunandan GA2023-12-20				INVERTED MODULAR JACK ASSEMBLY			
		4 PLACES		±	±										
		3 PLACES		±	± 0.0100										
		2 PLACES		± 0.250	±										
		1 PLACE		±		PRODUCT SALES DRAWING									
		0 PLACES		±											
		ANGULAR TOL		± 0.5°		INITIAL REVISION: DRWN: TALEND1997/02/13 APPR: FRY1997/03/04		DOCUMENT NUMBER SD-43860-001		DOC TYPE PSD	DOC PART 001	REVISION J			
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				THIRD ANGLE PROJECTION		DRAWING C-SIZE	SERIES 43860	MATERIAL NUMBER SEE TABLE		CUSTOMER GENERAL MARKET		SHEET NUMBER 1 OF 5			



PC BOARD LAYOUT
COMPONENT SIDE OF BOARD
RECOMMENDED PCB THICKNESS .062±.005/1.57±0.13

- NOTES:
- 1) MATERIAL:
HOUSING: NYLON(PA), 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
 - 3) PRODUCT SPECIFICATION: PS-43860-003.
 - 4) PACKAGING SPECIFICATION:
CONNECTOR ASSEMBLIES PACKAGED IN THERMOFORMED TRAYS
PER MOLEX PACKAGING SPECIFICATION PK-43860-005.
43860-5025 CONNECTOR ASSEMBLIES PACKAGED IN TAPE AND
REEL PER MOLEX PACKAGING SPECIFICATION PK-70873-700*
 - 5) ALL UNTOLERANCED DIMENSIONS ARE SHOWN FOR REFERENCE ONLY.
 - 6) CONFORMS TO FCC 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) AVAILABLE WITH TOP PANEL GROUND TABS ONLY, PER THE
ASSEMBLY MATERIAL NUMBER TABLE.
 - 9) THIS PART CONFORMS TO CLASS B REQUIREMENTS OF COSMETIC
SPECIFICATION PS-45499-002.

ASSEMBLY MAT. NUM.	CONNECTOR SIZE	DIM "A"	CIRCUITS	PANEL GROUND TABS	PACKAGING OPTION
43860-0004	8	.469/11.91	8	ALL	TRAY
43860-0005	6	.389/9.88	6	ALL	TRAY
43860-0006	6	.389/9.88	4	ALL	TRAY
43860-0013	8	.469/11.91	8	SEE NOTE #7	TRAY
43860-0014	6	.389/9.88	6	SEE NOTE #7	TRAY
43860-0025	8	.469/11.91	8	NONE	TRAY
43860-0026	6	.389/9.88	6	NONE	TRAY
43860-0031	8	.469/11.91	8	SEE NOTE #8	TRAY
43860-5025	8	.469/11.91	8	NONE	TAPE

FUNCTIONAL SYMBOLS

$\frac{F}{A} = 0$

$\frac{F}{C} = 0$

$\frac{F}{P} = 0$

DIVISIONAL SYMBOLS

THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION

DIMENSION UNITS

SCALE

4:1

GENERAL TOLERANCES (UNLESS SPECIFIED)

	MM	INCH
4 PLACES	±	±
3 PLACES	±	± 0.0100
2 PLACES	± 0.250	±
1 PLACE	±	±
0 PLACES	±	±
ANGULAR TOL	± 0.5°	
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		

CURRENT REV DESC: REMOVED OBSOLETE PART NUMBERS AS PER PCN#512600

PHASE:
CO NO:
DRWN: Madhava M
CHK'D: Ganesh Rao B
APPR: Gurunandan GA

2023-10-26
2023-12-20
2023-12-20

INITIAL REVISION:
DRWN: TALEND
APPR: FRY

1997/02/13
1997/03/04

THIRD ANGLE PROJECTION

DRAWING

C-SIZE

SERIES

43860

molex

INVERTED MODULAR JACK ASSEMBLY

PRODUCT SALES DRAWING

DOCUMENT NUMBER

DOC TYPE

DOC PART

REVISION

SD-43860-001

PSD

001

J

MATERIAL NUMBER

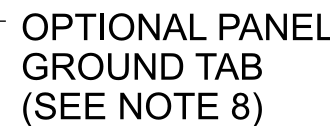
CUSTOMER

SHEET NUMBER

SEE TABLE

GENERAL MARKET

2 OF 5



- 1) MATERIAL:
 - HOUSING: NYLON(PA), GLASS FILLED, UL94V-0, COLOR: BLACK
 - TERMINALS: PHOSPHOR BRONZE
 - SHIELD: BRASS
 - LIGHT PIPES:
 - 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) 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 OVER 50 MICROINCHES/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 PACKAGED IN THERMOFORMED TRAYS PER MOLEX PACKAGING SPECIFICATION PK-43860-005.
- 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) 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.

ASSEMBLY MAT. NUM.	LIGHT PIPE MATERIAL	CONNECTOR SIZE	DIM "A"	CIRCUITS	PANEL GROUND TABS
43860-0010	POLYCARBONATE	8	.469/11.91	8	ALL
43860-0011	POLYCARBONATE	6	.389/9.88	6	ALL
43860-0012	POLYCARBONATE	6	.389/9.88	4	ALL
43860-0016	POLYCARBONATE	8	.469/11.91	8	SEE NOTE #8
43860-0017	POLYCARBONATE	6	.389/9.88	6	SEE NOTE #8

FUNCTIONAL SYMBOLS	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION														
	DIMENSION UNITS		SCALE		CURRENT REV DESC: REMOVED OBSOLETE PART NUMBERS AS PER PCN#512600				molex						
	IN/mm		4:1												
	GENERAL TOLERANCES (UNLESS SPECIFIED)														
		MM	INCH												
		4 PLACES		±	±		PHASE: CO NO: DRWN: Madhava M2023-10-26 CHK'D: Ganesh Rao B2023-12-20 APPR: Gurunandan GA2023-12-20								
		3 PLACES		±	± 0.0100										
		2 PLACES		± 0.250	±										
		1 PLACE		±											
	DIVISIONAL SYMBOLS	0 PLACES		±		INITIAL REVISION: DRWN: TALEND1997/02/13 APPR: FR Y1997/03/04				DOCUMENT NUMBER SD-43860-001		DOC TYPE PSD	DOC PART 001	REVISION J	
ANGULAR TOL		± 0.5°													
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				THIRD ANGLE PROJECTION 											DRAWING C-SIZE

