

Excellent Integrated System Limited

Stocking Distributor

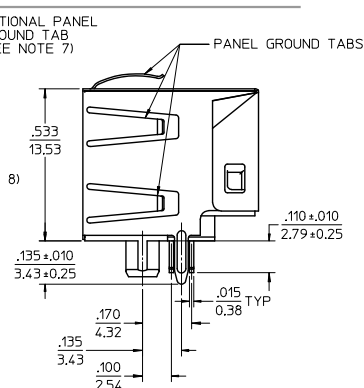
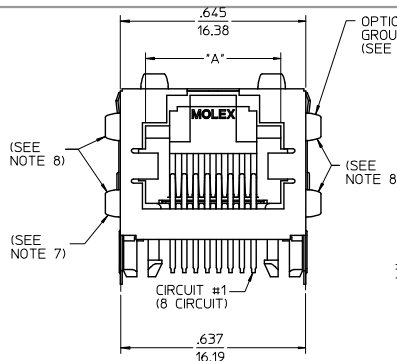
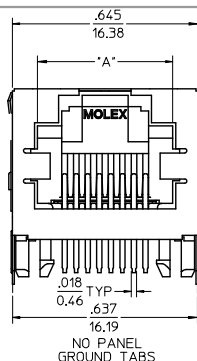
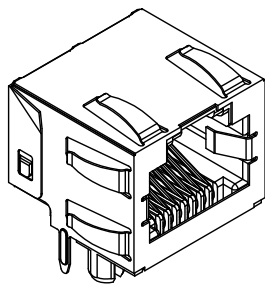
Click to view price, real time Inventory, Delivery & Lifecycle Information:

[Molex Connector Corporation](#)
[0438600025](#)

For any questions, you can email us directly:

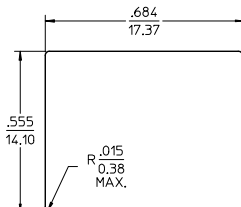
sales@integrated-circuit.com

ib_frame_C_P_AM_T
Rev. G 2012/01/11

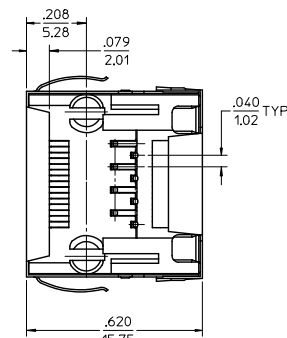
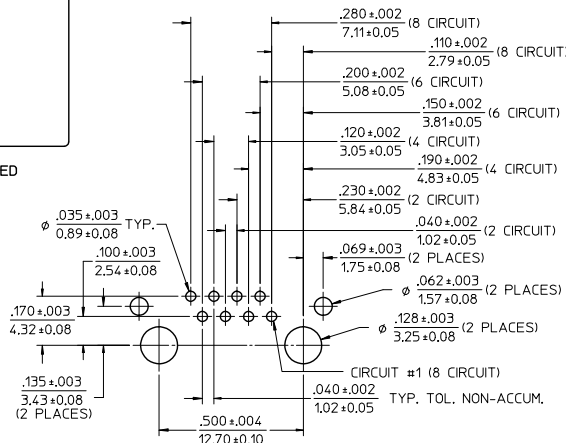


NOTES:

- 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 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: 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.



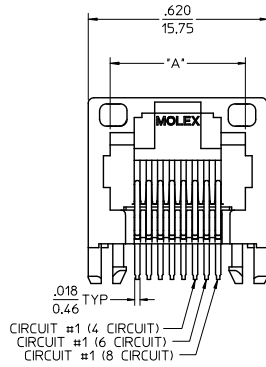
RECOMMENDED
PANEL
OPENING



PC BOARD LAYOUT
COMPONENT SIDE OF BOARD
RECOMMENDED PCB THICKNESS .062 ±.005/1.57 ±.013

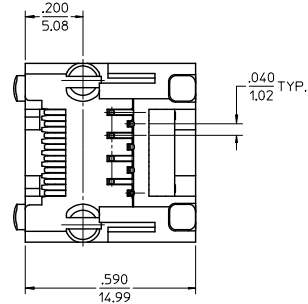
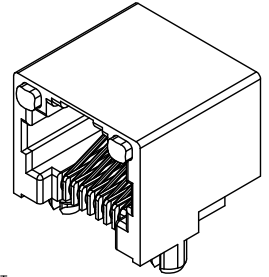
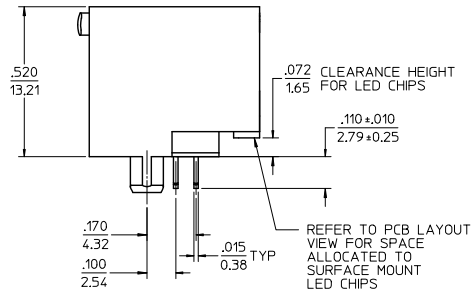
ASSEMBLY MAT. NUM.	CONNECTOR SIZE	DIM "A"	CIRCUITS	PANEL GROUND TABS	PACKAGING OPTION
43860-0004	8	.469/11.91	8	ALL	TRAY
43860-0005	6	.389/9.88	6	ALL	TRAY
43860-0006	6	.389/9.88	4	ALL	TRAY
43860-0013	8	.469/11.91	8	SEE NOTE #7	TRAY
43860-0014	6	.389/9.88	6	SEE NOTE #7	TRAY
43860-0015	6	.389/9.88	4	SEE NOTE #7	TRAY
43860-0024	6	.389/9.88	2	ALL	TRAY
43860-0025	8	.469/11.91	8	NONE	TRAY
43860-0026	6	.389/9.88	6	NONE	TRAY
43860-0027	6	.389/9.88	4	NONE	TRAY
43860-0031	8	.469/11.91	8	SEE NOTE #8	TRAY
43860-5025	8	.469/11.91	8	NONE	TAPE

QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)	DIMENSION STYLE IN/MM	SCALE 4:1	DESIGN UNITS INCH	THIRD ANGLE PROJECTION	TITLE INVERTED MODULAR JACK ASSEMBLY	molex	DOCUMENT NO. SD-43860-001	SHEET NO. 2 OF 5
4 PLACES ±	mm	INCH	DRAWN BY TALEND	DATE 1997/02/13	INVERTED MODULAR JACK ASSEMBLY	molex	DOCUMENT NO. SD-43860-001	SHEET NO. 2 OF 5	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION
3 PLACES ±	mm	INCH	CHECKED BY ROBERTS	DATE 1997/03/03					
2 PLACES ±	mm	INCH	APPROVED BY FRY	DATE 1997/03/04					
1 PLACE ±	mm	INCH							
0 PLACE ±	mm	INCH							



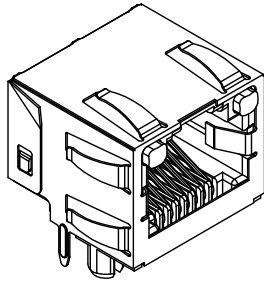
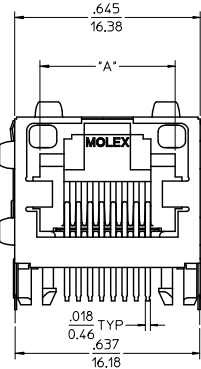
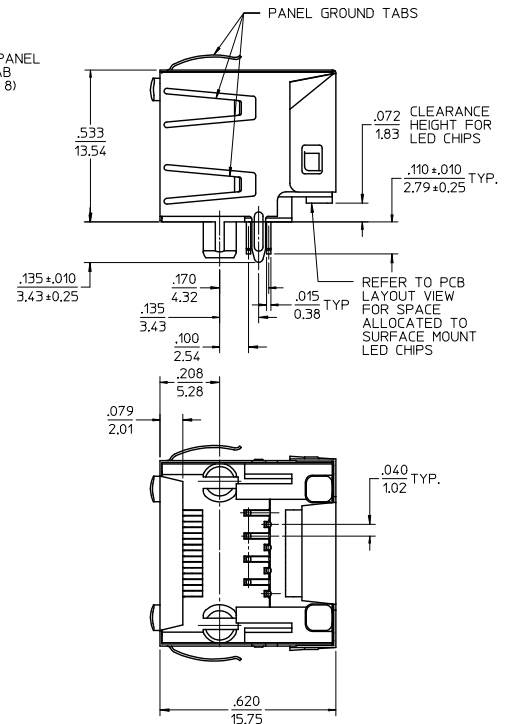
NOTES:

- 1) MATERIAL:
HOUSING: NYLON(PA), GLASS FILLED, UL94V-0, COLOR: BLACK
TERMINALS: PHOSPHOR BRONZE
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 (127 MICROMETERS) MIN.,
SELECT TIN IN PC TAIL AREA: 100 MICROINCHES (254 MICROMETERS) MIN.,
WITH OVERALL NICKEL UNDERPLATE: 50 MICROINCHES (127 MICROMETERS) MIN.
- 3) PRODUCT SPECIFICATION AND PROCESSING PARAMETERS: PS-43860-003.
- 4) PACKAGING SPECIFICATION:
CONNECTOR ASSEMBLIES PACKAGED IN EXTRUDED TUBES PER MOLEX
PACKAGING SPECIFICATION PK-43860-004.
- 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) REFER TO SHEET (5) OF (5) FOR RECOMMENDED PCB LAYOUT.
- 9) THIS PART CONFORMS TO CLASS B REQUIREMENTS OF COSMETIC
SPECIFICATION PS-45499-002.



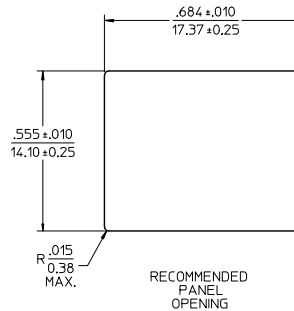
ASSEMBLY MAT. NUM.	LIGHT PIPE MATERIAL	CONNECTOR SIZE	DIM "A"	CIRCUITS
43860-0007	POLYCARBONATE	8	.469/11.91	8
43860-0008	POLYCARBONATE	6	.389/9.88	6
43860-0009	POLYCARBONATE	6	.389/9.88	4
43860-0021	POLYSULFONE	8	.469/11.91	8
43860-0022	POLYSULFONE	6	.389/9.88	6
43860-0023	POLYSULFONE	6	.389/9.88	4

SEE SHEET 1 EC NO: UC2705-0148 DRAWING NO: 2014/08/25 CHKD: BELL APPR: SMH 2015/05/19	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE IN/MM		SCALE 4:1	DESIGN UNITS INCH	THIRD ANGLE PROJECTION				
	 		mm	INCH	DRAWN BY	DATE	TITLE	INVERTED MODULAR JACK ASSEMBLY molex SD-43860-001				
		4 PLACES ±	±	±	TALEND	1997/02/13						
		3 PLACES ±	±	±.010	CHECKED BY	DATE						
		2 PLACES ±	±.025	±	ROBERTS	1997/03/03						
		1 PLACE ±	±	±	APPROVED BY	DATE						
		0 PLACE ±	±		FRY	1997/03/04		MATERIAL NO.		DOCUMENT NO.		
		ANGULAR ±1/2°		SEE CHART		SD-43860-001		SHEET NO. 3 OF 5				
		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SIZE C		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION						

OPTIONAL PANEL
GROUND TAB
(SEE NOTE 8)OPTIONAL PANEL
GROUND TAB
(SEE NOTE 8)

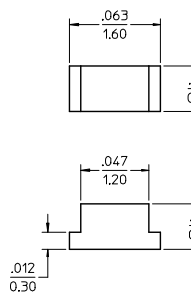
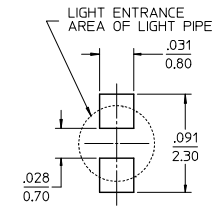
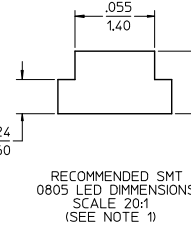
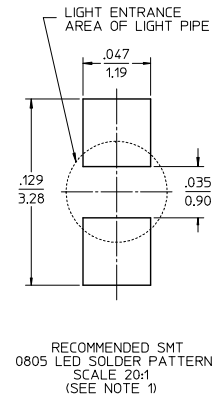
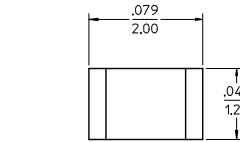
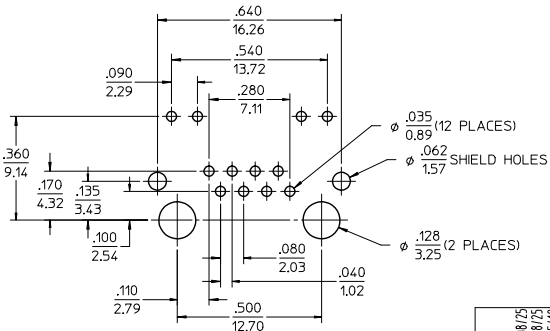
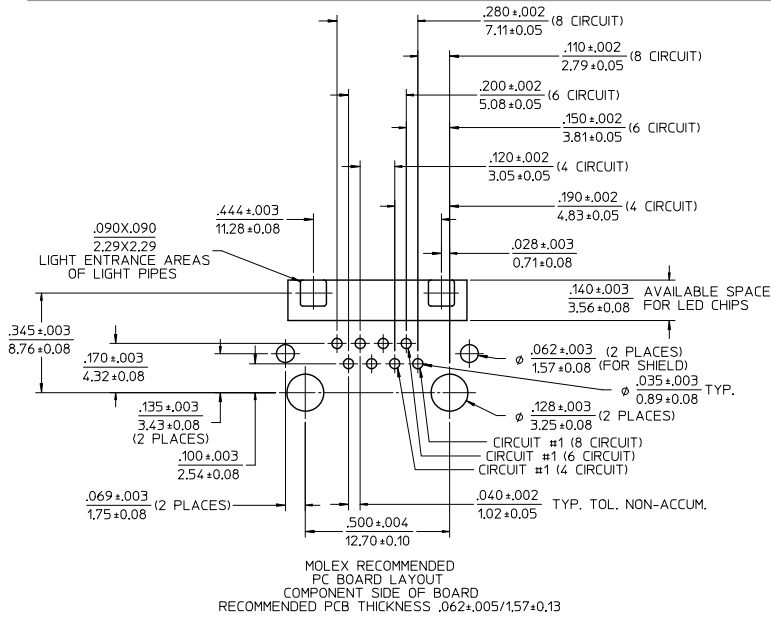
NOTES:

- 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/127 MICROMETERS MIN.
SELECT TIN IN PC TAIL AREA: 100 MICROINCHES/2.54 MICROMETERS MIN.
WITH OVERALL NICKEL UNDERPLATE: 50 MICROINCHES/127 MICROMETERS MIN.
SHIELD:
100 MICROINCHES/2.54 MICROMETERS OVER 50 MICROINCHES/127
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.

RECOMMENDED
PANEL
OPENING

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
43860-0018	POLYCARBONATE	6	.389/9.88	4	SEE NOTE #8
43860-1010	POLYSULFONE	8	.469/11.91	8	ALL
43860-1011	POLYSULFONE	6	.389/9.88	6	ALL
43860-1012	POLYSULFONE	6	.389/9.88	4	ALL
43860-1016	POLYSULFONE	8	.469/11.91	8	SEE NOTE #8
43860-1017	POLYSULFONE	6	.389/9.88	6	SEE NOTE #8
43860-1018	POLYSULFONE	6	.389/9.88	4	SEE NOTE #8

SEE SHEET 1 EC NO: UC2705-0148 DRAWN BY: NGUYEN CHKD: JELL APPR: SM TH H9	2014/08/25 2014/08/25 2015/05/19	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE IN/MM		SCALE 4:1	DESIGN UNITS INCH	THIRD ANGLE PROJECTION	INVERTED MODULAR JACK ASSEMBLY molex SD-43860-001 SHEET NO. 4 OF 5
	▽=0	4 PLACES ±	mm	INCH	DRAWN BY	DATE	TITLE			
	▽=0	3 PLACES ±	±	±.010	CHECKED BY	DATE				
	▽=0	2 PLACES ±	±.025	±	ROBERTS	1997/03/03				
		1 PLACE ±	±	±	APPROVED BY	DATE				
		0 PLACE ±	±	±	FRY	1997/03/04				
		ANGULAR ±1/2°		MATERIAL NO.		DOCUMENT NO.				
		DRAFT WHERE APPLICABLE		SEE CHART						
		MUST REMAIN WITHIN DIMENSIONS								



NOTES:
1. FOR CROSS REFERENCE OF RECOMMENDED LED'S SEE MOLEX WEB SITE

SEE SHEET 1 EC NO: UCP/2005-0148 DRAWING/VTEN CHKD: BELL APPROVE: SMTH H9	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE IN/MM		SCALE 4:1	DESIGN UNITS INCH	THIRD ANGLE PROJECTION		
			mm	INCH	DRAWN BY TALEND	DATE 1997/02/13	TITLE INVERTED MODULAR JACK ASSEMBLY	molex	SHEET NO. SD-43860-001	5 OF 5
	▽=0	4 PLACES ±	±	CHECKED BY ROBERTS	DATE 1997/03/03	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				
	▽=0	3 PLACES ±	±.010	APPROVED BY	DATE					
	▽=0	2 PLACES ±	±.025	FRY	1997/03/04					
		1 PLACE ±	±							
		0 PLACE ±	±							
		ANGULAR ±1/2°			MATERIAL NO.					
					SEE CHART					
	REV	DESCRIPTION	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION							