

NOTES :

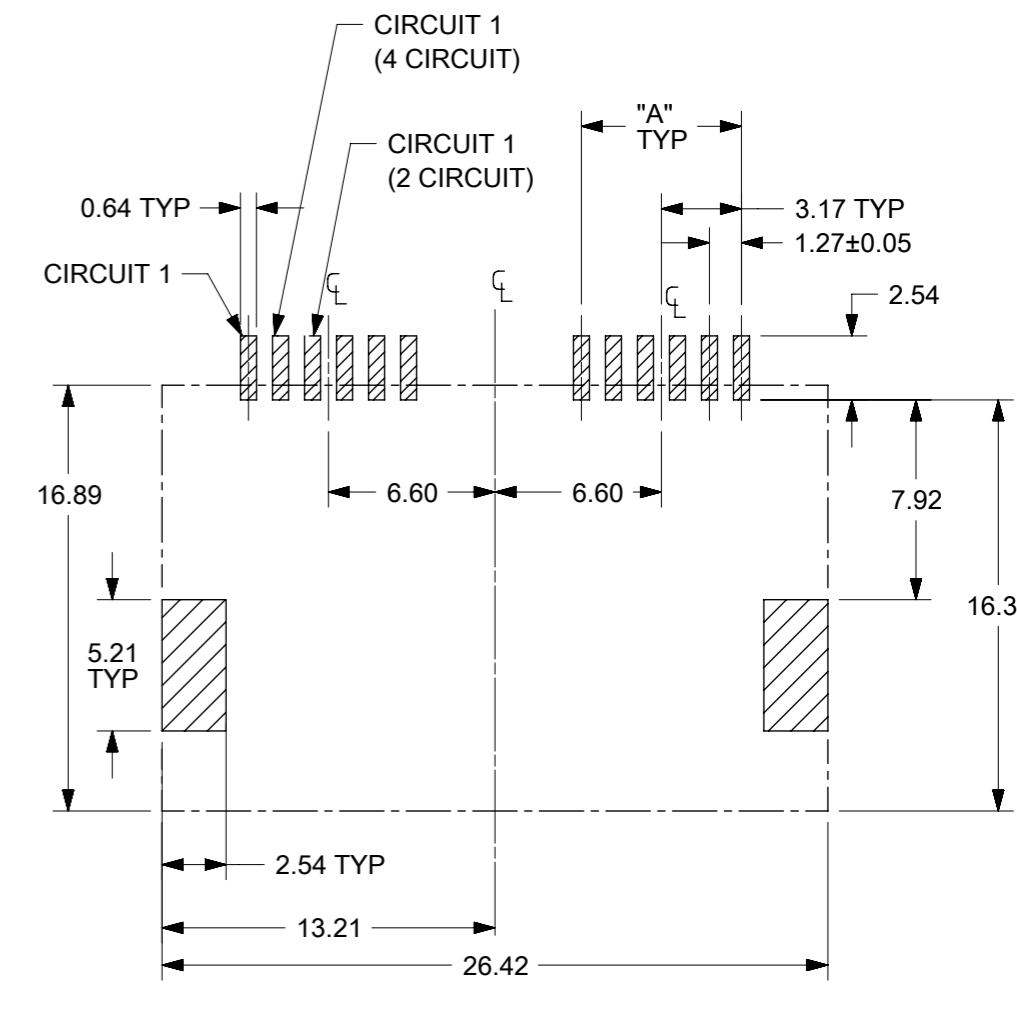
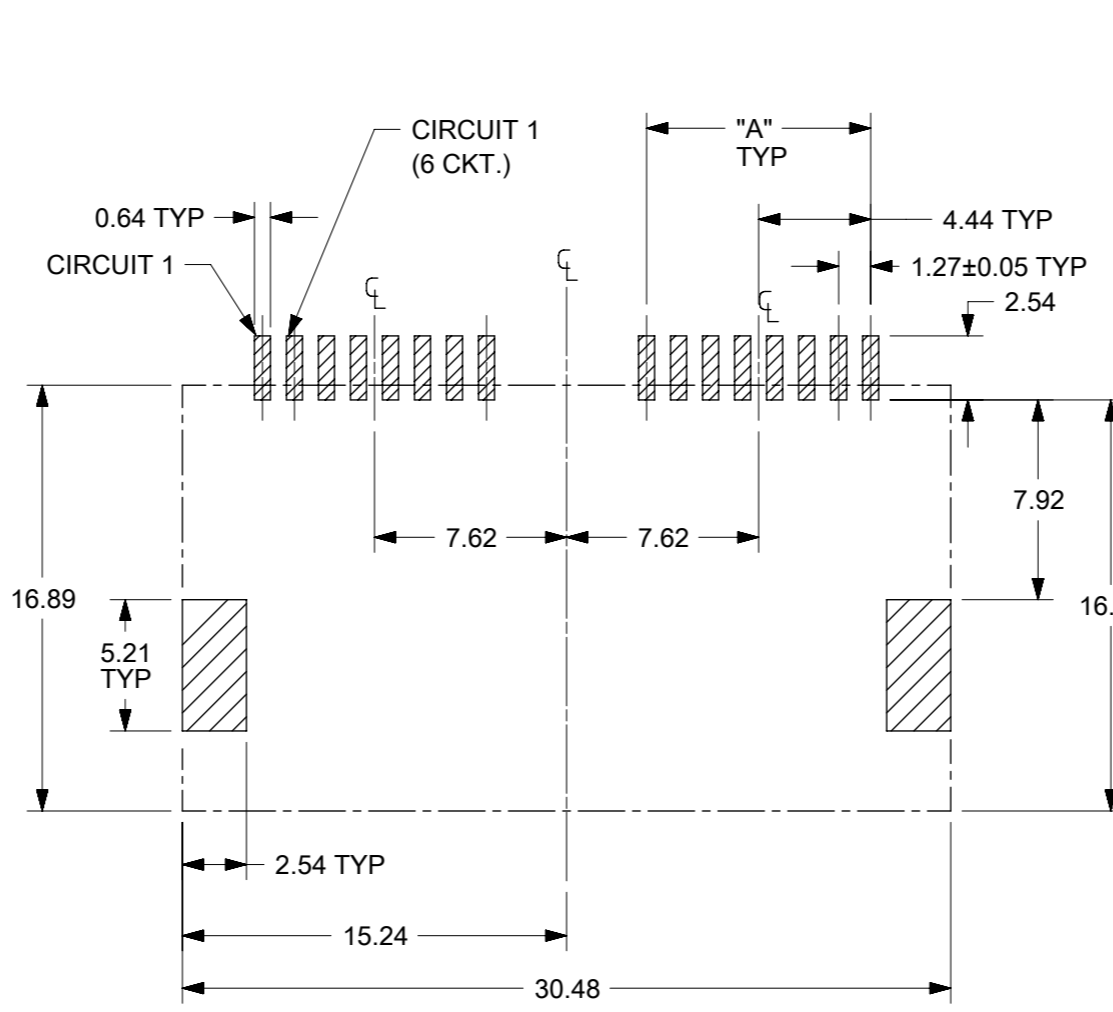
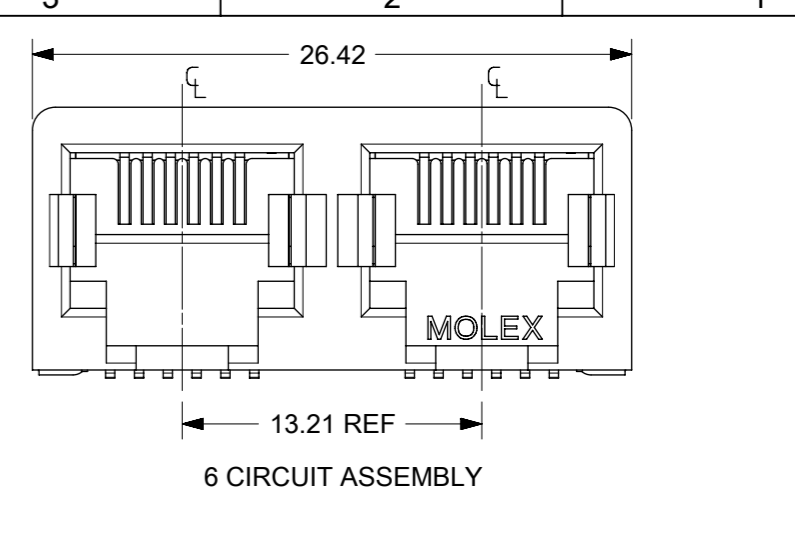
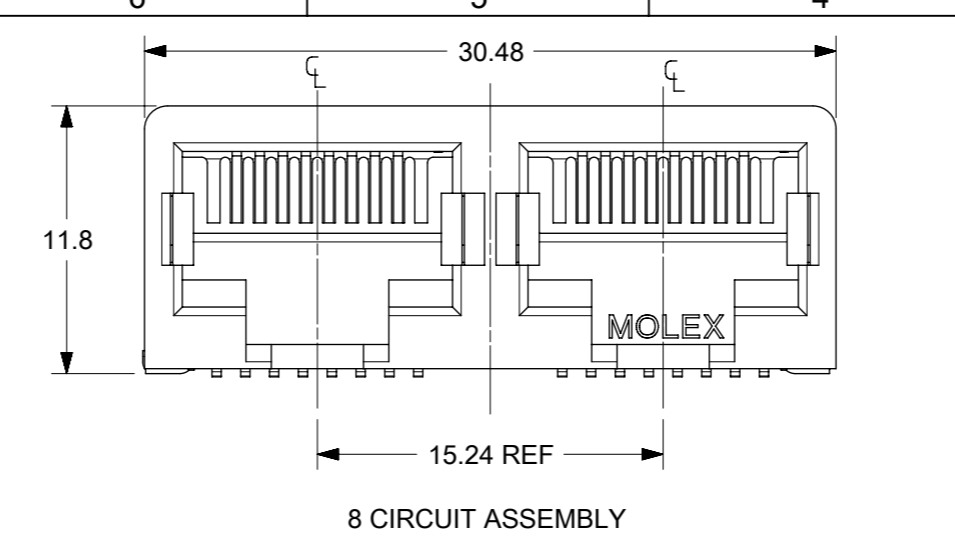
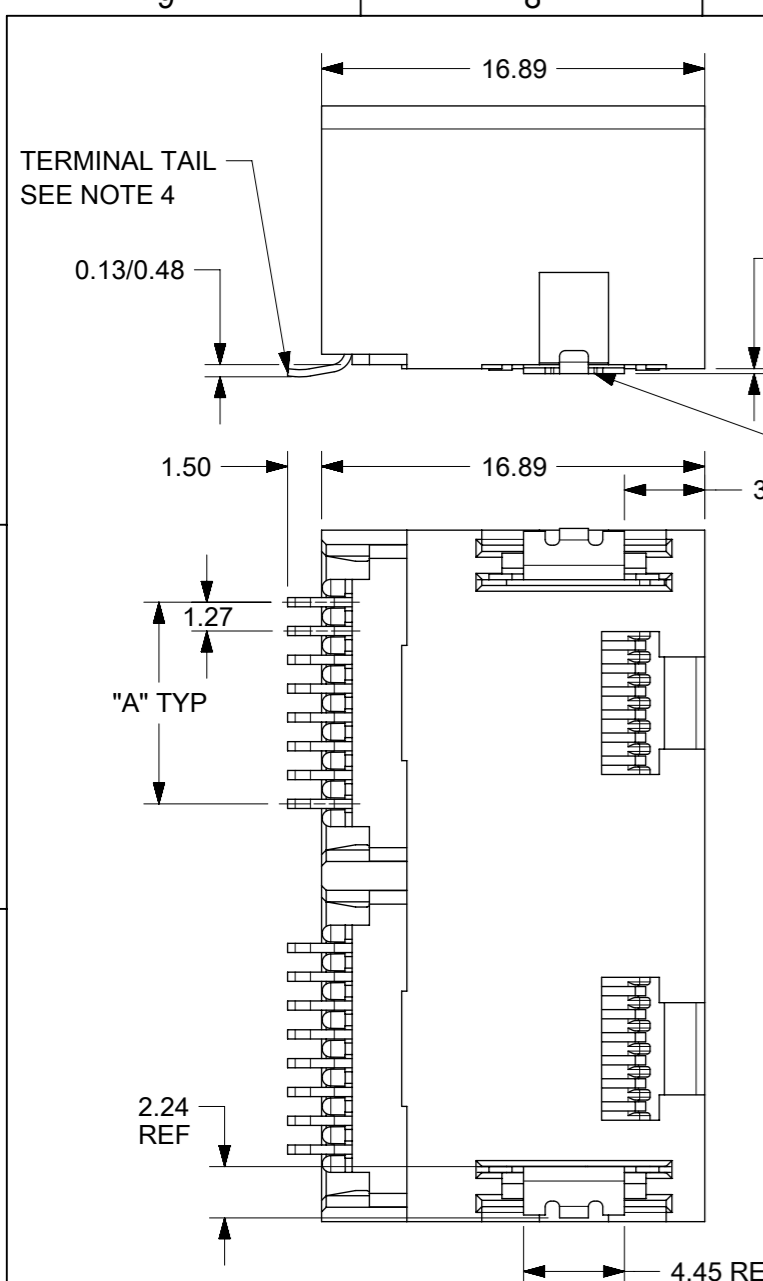
- MATERIALS :
HOUSING : NYLON, GLASS-FILLED, UL94V-0, COLOR - SEE CHART
TERMINALS : PHOSPHOR BRONZE, .012/(0.30)
FITTING NAILS : BRASS ALLOY, .010/(0.25)
- FINISH :
TERMINAL PLATING OPTIONS : (SEE TABLE)
(A) SELECT GOLD IN CONTACT AREA: .000050/(0.00127) MIN.,
*SELECT MATTE TIN IN PC TAIL AREA: .000100/(0.00254) MIN.,
WITH OVERALL NICKEL UNDERPLATE: .000050/(0.00127) MIN.
(B) SELECT GOLD IN CONTACT AREA: .000030/(0.00076) MIN.,
*SELECT MATTE TIN IN PC TAIL AREA: .000100/(0.00254) MIN.,
WITH OVERALL NICKEL UNDERPLATE: .000050/(0.00127) MIN.
(C) SELECT GOLD IN CONTACT AREA: .000015/(0.00038) MIN.,
*SELECT MATTE TIN IN PC TAIL AREA: .000100/(0.00254) MIN.,
WITH OVERALL NICKEL UNDERPLATE: .000050/(0.00127) MIN.
- FITTING NAILS :
*100 MICROINCHES MATTE TIN OVER 50 MICROINCHES NICKEL UNDERPLATE
*THE PRIMARY SHIPPING CARTON WILL BE LABELED "ELV AND RoHS COMPLIANT". CARTONS WITHOUT THIS LABEL MAY CONTAIN PRODUCT WITH TIN-LEAD IN THE PC TAIL AREA.
- PRODUCT SPECIFICATION : PS-43743-001
- COPLANARITY SPECIFICATIONS:
WITH THE MODULAR JACK SITTING ON A LEVEL SURFACE, THE MAXIMUM GAP BETWEEN THE LEVEL SURFACE AND ALL TERMINAL TAILS AND BOTH FITTING NAILS IS .006/(0.15).
- FOR ASSEMBLIES HAVING VOIDED CIRCUITS, THE TAIL PORTION IS CUT AND REMOVED. THE MATING PORTION OF THE TERMINAL REMAINS INTACT. VOIDED CIRCUITS MUST BE THE SAME FOR BOTH PORTS.
- CONVECTION SOLDERING TECHNOLOGY SHOULD BE USED WHEN GANGING MODULAR JACKS WITH INBOARD NAILS SIDE-BY-SIDE.
- THIS PART CONFORMS TO CLASS B REQUIREMENTS OF COSMETIC SPECIFICATION PS-45499-002.

PC BOARD LAYOUT FOR 8 POSITION HOUSING
(COMPONENT SIDE OF BOARD)

PC BOARD LAYOUT FOR 6 POSITION HOUSING
(COMPONENT SIDE OF BOARD)

2	G1
1	G2
	SHREV

REVISED NOTES EC NO: UCP2009-1244 DRAWN: KLOSTNER 2008/12/10 CHKD: JEBEL 2008/12/10 APPR: FBMITH 2008/12/10	DESCRIPTION G2	QUALITY SYMBOLS ▽=0 ▽=0	GENERAL TOLERANCES (UNLESS SPECIFIED) <table border="1"> <tr><th colspan="2">mm</th><th colspan="2">INCH</th></tr> <tr><td>4 PLACES ±</td><td>---</td><td>±</td><td>---</td></tr> <tr><td>3 PLACES ±</td><td>---</td><td>±</td><td>.010</td></tr> <tr><td>2 PLACES ±</td><td>.25</td><td>±</td><td>.015</td></tr> <tr><td>1 PLACE ±</td><td>0.38</td><td>±</td><td>---</td></tr> </table>	mm		INCH		4 PLACES ±	---	±	---	3 PLACES ±	---	±	.010	2 PLACES ±	.25	±	.015	1 PLACE ±	0.38	±	---	DIMENSION STYLE IN/MM	SCALE 1:1	DESIGN UNITS INCH	THIRD ANGLE PROJECTION
		mm		INCH																							
		4 PLACES ±	---	±	---																						
		3 PLACES ±	---	±	.010																						
2 PLACES ±	.25	±	.015																								
1 PLACE ±	0.38	±	---																								
DRAWN BY MUELLER	DATE 98/06/11	TITLE 4, 6, & 8 CIRCUIT DUAL PORT SMT MODULAR JACK W/ FLUSH MOUNT NAILS	MOLEX INCORPORATED	MATERIAL NO. SEE SHT 2	DOCUMENT NO. SD-44193-001	SHEET NO. 1 OF 2																					
CHECKED BY ROBERTS	DATE 98/06/16	APPROVED BY EDGLEY	DATE 98/06/17	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION																							
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS																											



PC BOARD LAYOUT FOR 8 POSITION HOUSING
(COMPONENT SIDE OF BOARD)

PC BOARD LAYOUT FOR 6 POSITION HOUSING
(COMPONENT SIDE OF BOARD)

- NOTES :
- MATERIALS :
HOUSING : NYLON, GLASS-FILLED, UL94V-0, COLOR - SEE CHART
TERMINALS : PHOSPHOR BRONZE, 0.30 mm THICKNESS.
FITTING NAILS : BRASS ALLOY, 0.25 mm THICKNESS.
 - FINISH :
TERMINAL PLATING OPTIONS : (SEE TABLE)
(A) SELECT GOLD IN CONTACT AREA: 0.00127 mm MIN.,
*SELECT MATTE TIN IN PC TAIL AREA: 0.00254 mm MIN.,
WITH OVERALL NICKEL UNDERPLATE: 0.00127 mm MIN.
(B) SELECT GOLD IN CONTACT AREA: 0.00076 mm MIN.,
*SELECT MATTE TIN IN PC TAIL AREA: 0.00254 mm MIN.,
WITH OVERALL NICKEL UNDERPLATE: 0.00127 mm MIN.
(C) SELECT GOLD IN CONTACT AREA: 0.00038 mm MIN.,
*SELECT MATTE TIN IN PC TAIL AREA: 0.00254 mm MIN.,
WITH OVERALL NICKEL UNDERPLATE: 0.00127 mm MIN.
 - FITTING NAILS :
*2.54 MICROMETER MATTE TIN OVER 1.27 MICROMETER NICKEL UNDERPLATE
*THE PRIMARY SHIPPING CARTON WILL BE LABELED "ELV AND RoHS COMPLIANT". CARTONS WITHOUT THIS LABEL MAY CONTAIN PRODUCT WITH TIN-LEAD IN THE PC TAIL AREA.
 - PRODUCT SPECIFICATION : PS-43743-0001
 - COPLANARITY SPECIFICATIONS:
WITH THE MODULAR JACK SITTING ON A LEVEL SURFACE, THE MAXIMUM GAP BETWEEN THE LEVEL SURFACE AND ALL TERMINAL TAILS AND BOTH FITTING NAILS IS 0.15 mm.
 - FOR ASSEMBLIES HAVING VOIDED CIRCUITS, THE TAIL PORTION IS CUT AND REMOVED. THE MATING PORTION OF THE TERMINAL REMAINS INTACT. VOIDED CIRCUITS MUST BE THE SAME FOR BOTH PORTS.
 - CONVECTION SOLDERING TECHNOLOGY SHOULD BE USED WHEN GANGING MODULAR JACKS WITH INBOARD NAILS SIDE-BY-SIDE.
 - THIS PART CONFORMS TO CLASS B REQUIREMENTS OF COSMETIC SPECIFICATION PS-45499-002.

DOCUMENT STATUS	P1	RELEASE DATE	2018/03/23	01:56:28
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SYMBOLS	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION		CURRENT REV DESC: MIGRATED TO NX	
	DIMENSION UNITS	SCALE		
▽ = 0	MM	3:1		
▽ = 0	GENERAL TOLERANCES (UNLESS SPECIFIED)			
▽ = 0	ANGULAR TOL ± 0.5°			
▽ = 0	4 PLACES	±	EC NO: 173578	
▽ = 0	3 PLACES	±	DRWN: VK10 2018/01/16	
▽ = 0	2 PLACES	± 0.25	CHK'D: KLANG 2018/03/23	
▽ = 0	1 PLACE	± 0.38	APPR: KLANG 2018/03/23	
▽ = 0	0 PLACES	±	INITIAL REVISION:	
▽ = 0	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		DRWN: AFENG02 2016/09/27	2016/10/10
▽ = 0	THIRD ANGLE PROJECTION		DRAWING	SERIES
		A3-SIZE	44193	MATERIAL NUMBER
		SEE CHART		CUSTOMER
		GENERAL MARKET		SHEET NUMBER
		1 OF 2		

molex

2 PORT SMT. JACK ASSY
W/FLUSH MOUNT NAILS

PRODUCT CUSTOMER DRAWING

DOCUMENT NUMBER: SD-44193-001
DOC TYPE: PSD
DOC PART: 002
REVISION: G3

