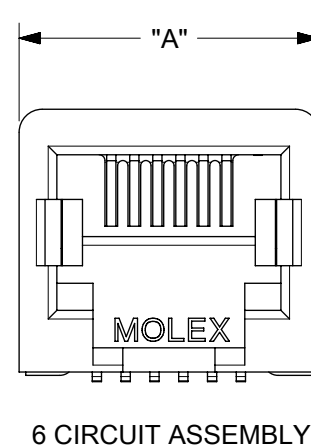
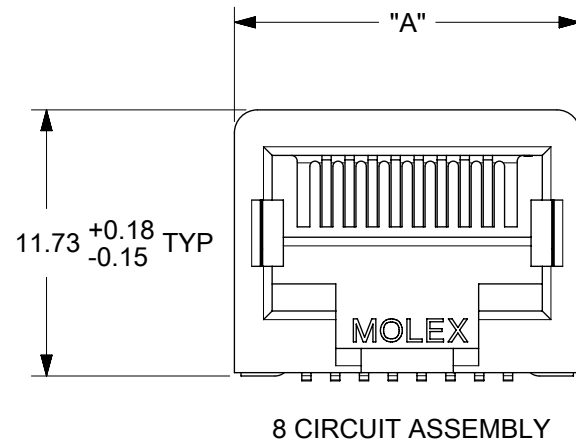
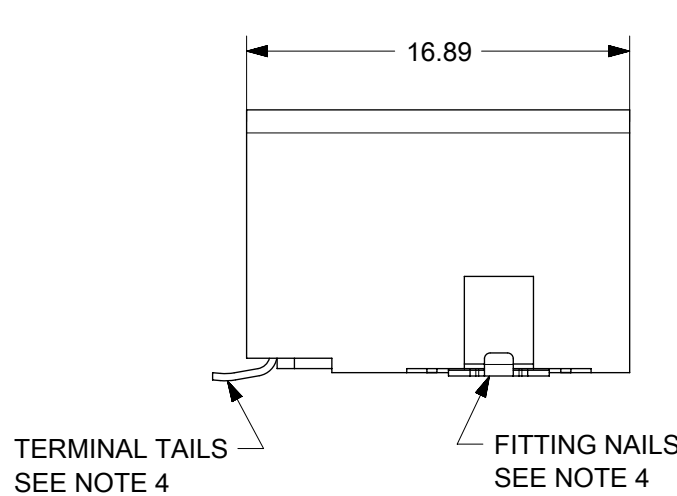
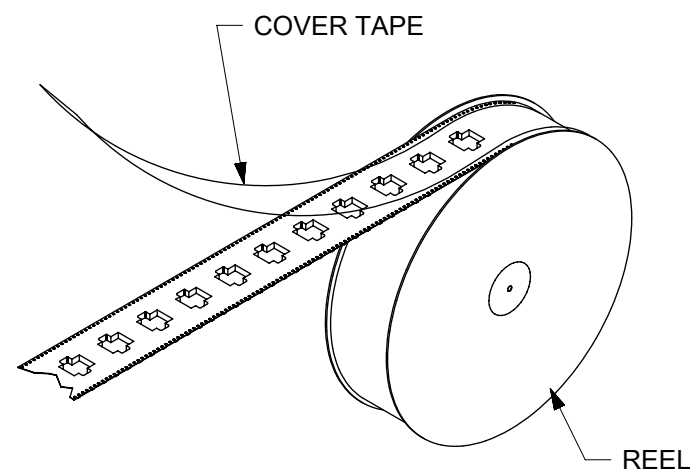
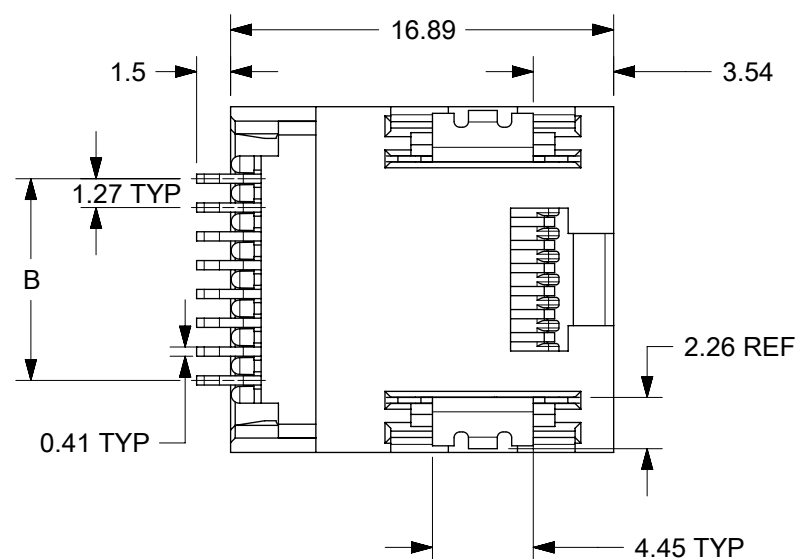




HOUSING SIZE	CIRCUIT SIZE	DIM. A	DIM. B
6	6	13.21	6.35
6	4	13.21	3.81
6	2	13.21	1.27
8	8	15.24	8.89
8	6	15.24	6.35



VACUUM FORMED CARRIER TAPE WITH SPROCKET HOLES

TAPE AND REEL PACKAGING

NOTES :

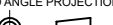
- 1) MATERIALS:
HOUSING: NYLON, GLASS-FILLED,
UL94V-0; COLOR - SEE CHART
TERMINALS: PHOSPHOR BRONZE, 0.30 mm THICK
FITTING NAILS: BRASS ALLOY, 0.25 mm THICK

- 2) FINISH:
TERMINALS:
(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 AND/OR FITTING NAILS.

- 3) PRODUCT SPECIFICATION: PS-43743-0001
- 4) COPLANARITY SPECIFICATION:
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.
- 5) FOR ASSEMBLIES HAVING VOIDED CIRCUITS, THE TAIL PORTION IS CUT
AND REMOVED. THE MATING PORTION OF THE TERMINAL REMAINS INTACT.
- 6) CONVECTION SOLDERING TECHNOLOGY SHOULD BE USED WHEN GANGING MODULAR
JACKS WITH INBOARD NAILS SIDE-BY-SIDE.
- 7) THIS PART CONFORMS TO CLASS B REQUIREMENTS OF COSMETIC
SPECIFICATION PS-45499-002.

ASSEMBLY ITEM NO.	CONNECTOR SIZE	CIRCUIT SIZE	TERMINAL PLATING	TAPE & REEL PACKAGING No.	VOIDED CIRCUITS	HOUSING COLOR
44144-0003	8	8	A	PK-70873-7002	NA	BLACK
44144-0004	6	4	A	PK-70873-7001	NA	
44144-0005	6	6	A	PK-70873-7001	NA	

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 NUMBER AS PER PCN#511684.				molex 4, 6, 8 CIRCUIT SMT MODULAR JACK W/ FLUSH FITTING NAILS							
mm		3:1													
GENERAL TOLERANCES (UNLESS SPECIFIED)															
ANGULAR TOL		± 0.5°						PRODUCT CUSTOMER DRAWING							
4 PLACES		±													
3 PLACES		±													
2 PLACES		± 0.25		EC NO: 748897 DRWN: SANTHN 2023/05/09 CHK'D: GGA 2023/05/31 APPR: GGA 2023/05/31				INITIAL REVISION: DRWN: AFENG02 2017/02/23 APPR: KLANG 2017/02/27							
1 PLACE		± 0.38													
0 PLACES		±													
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				THIRD ANGLE PROJECTION		DRAWING		SERIES		MATERIAL NUMBER		CUSTOMER		SHEET NUMBER	
						A3-SIZE		44144		SEE CHART		GENERAL MARKET		1 OF 2	

J

1

H

G

F

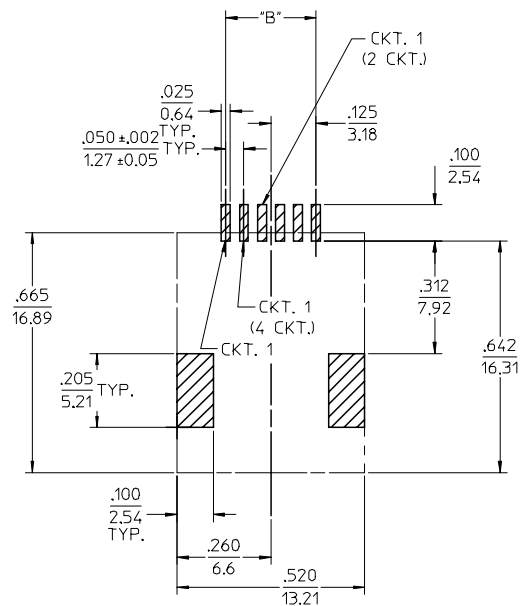
E

D

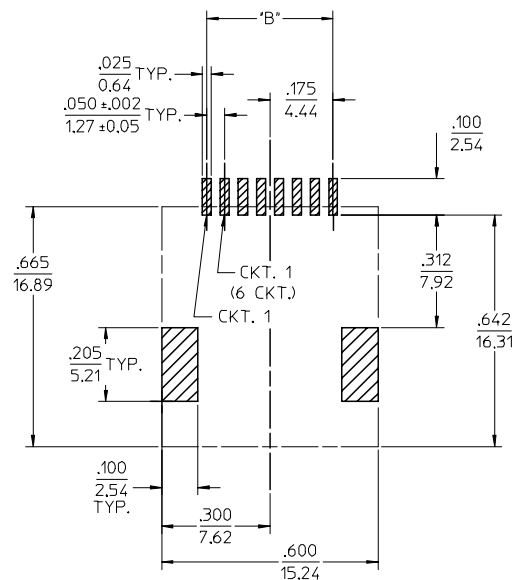
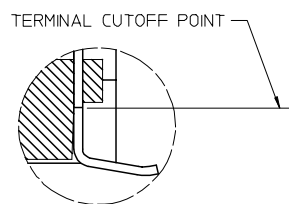
5

B

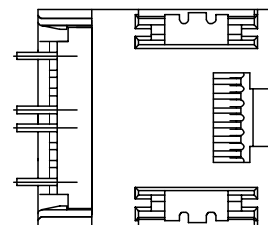
A



PCB LAYOUT FOR CONNECTOR SIZE 6
(COMPONENT SIDE OF BOARD)

PCB LAYOUT FOR CONNECTOR SIZE 8
(COMPONENT SIDE OF BOARD)

VIEW SHOWING TYPICAL TERMINAL
CUTOFF OF TAIL (SEE NOTE 5) FOR VOIDED CIRCUITS.



TYPICAL VIEW SHOWING VOIDED CIRCUIT
44144-0016 SHOWN

SEE SHEET ONE	EC NO: UCP2004-0798	QUALITY SYMBOLS DESCRIPTION DRW:LSCHMDT 2004/01/05 CHKD:LSCHMDT 2004/01/05 APPR:FSMTH 2004/01/08	GENERAL TOLERANCES (UNLESS SPECIFIED) <table><tr><td></td><td>mm</td><td>INCH</td></tr><tr><td>4 PLACES</td><td>± .005</td><td>± .0004</td></tr><tr><td>3 PLACES</td><td>± .003</td><td>± .0002</td></tr><tr><td>2 PLACES</td><td>± 0.025</td><td>± .010</td></tr><tr><td>1 PLACE</td><td>± 0.38</td><td>± .015</td></tr><tr><td colspan="3">ANGULAR ± 1/2°</td></tr></table>		mm	INCH	4 PLACES	± .005	± .0004	3 PLACES	± .003	± .0002	2 PLACES	± 0.025	± .010	1 PLACE	± 0.38	± .015	ANGULAR ± 1/2°			SCALE 4:1	DESIGN UNITS INCH		THIRD ANGLE PROJECTION	REVISE ON CAD ONLY
				mm	INCH																					
	4 PLACES			± .005	± .0004																					
	3 PLACES			± .003	± .0002																					
	2 PLACES			± 0.025	± .010																					
1 PLACE	± 0.38	± .015																								
ANGULAR ± 1/2°																										
= 0 = 0		DIMENSION STYLE IN/MM	TITLE 4, 6, 8 CIRCUIT SMT MODULAR JACK W/ FLUSH FITTING NAILS																							
		DRAWN BY DATE DSTAMBAU 00/04/07	MOLEX MOLEX INCORPORATED																							
		CHECKED BY DATE BWIRKUS 00/04/07	MATERIAL NO. DOCUMENT NO. SHEET NO. SEE CHART SD-44144-001 2 OF 2																							
		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION																							