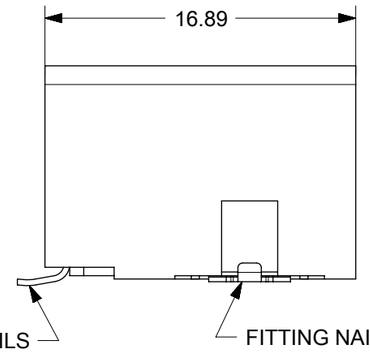
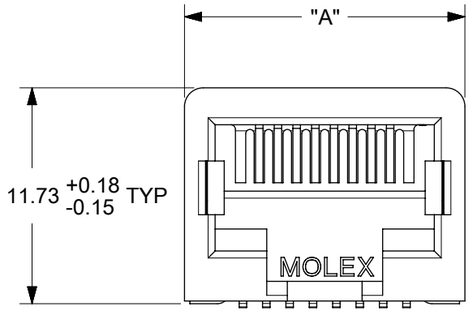
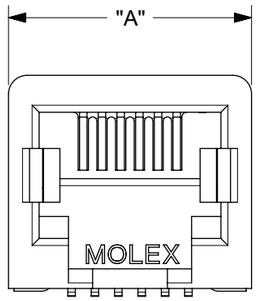


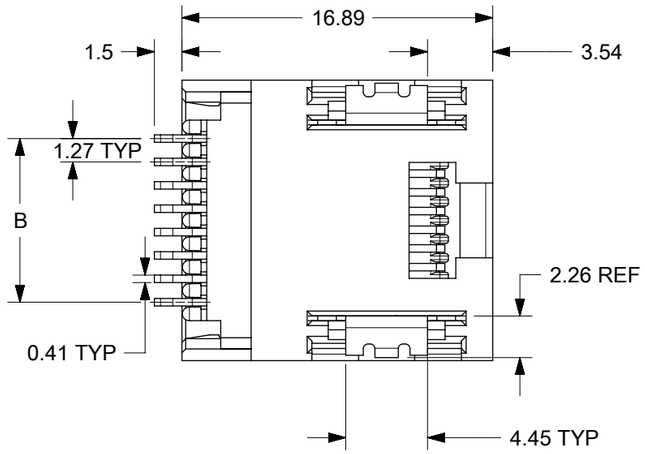


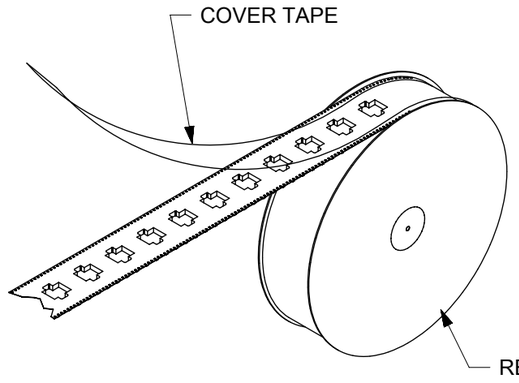
8 CIRCUIT ASSEMBLY



6 CIRCUIT ASSEMBLY

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.

DOCUMENT STATUS	P1	RELEASE DATE	2023/01/04 04:25:01

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	
44144-0014	6	4	C	PK-70873-7001	NA	

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DIMENSION UNITS: mm | SCALE: 3:1

GENERAL TOLERANCES (UNLESS SPECIFIED)

ANGULAR TOL	±	0.5 °
4 PLACES	±	
3 PLACES	±	
2 PLACES	±	0.25
1 PLACE	±	0.38
0 PLACES	±	

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

CURRENT REV DESC: REMOVED OBSOLETED PART NUMBER AS PER PCN#511695.

EC NO: 730178
DRWN: SANTHN 2022/12/05
CHK'D: GGA 2023/01/04
APPR: GGA 2023/01/04

INITIAL REVISION:
DRWN: AFENG02 2017/02/23
APPR: KLANG 2017/02/27

THIRD ANGLE PROJECTION | DRAWING: A3-SIZE | SERIES: 44144

molex

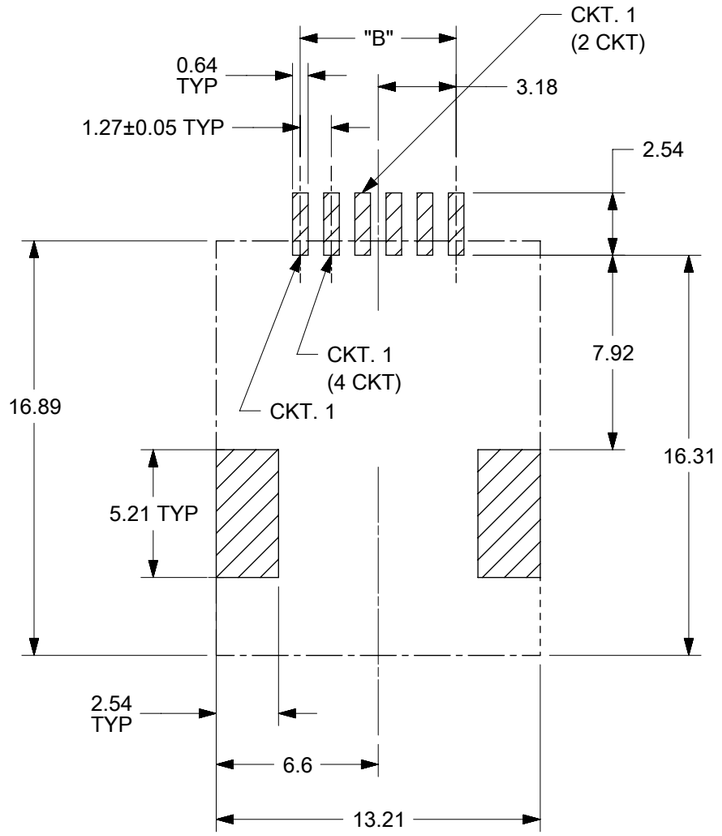
4, 6, 8 CIRCUIT SMT
MODULAR JACK W/ FLUSH FITTING NAILS

PRODUCT CUSTOMER DRAWING

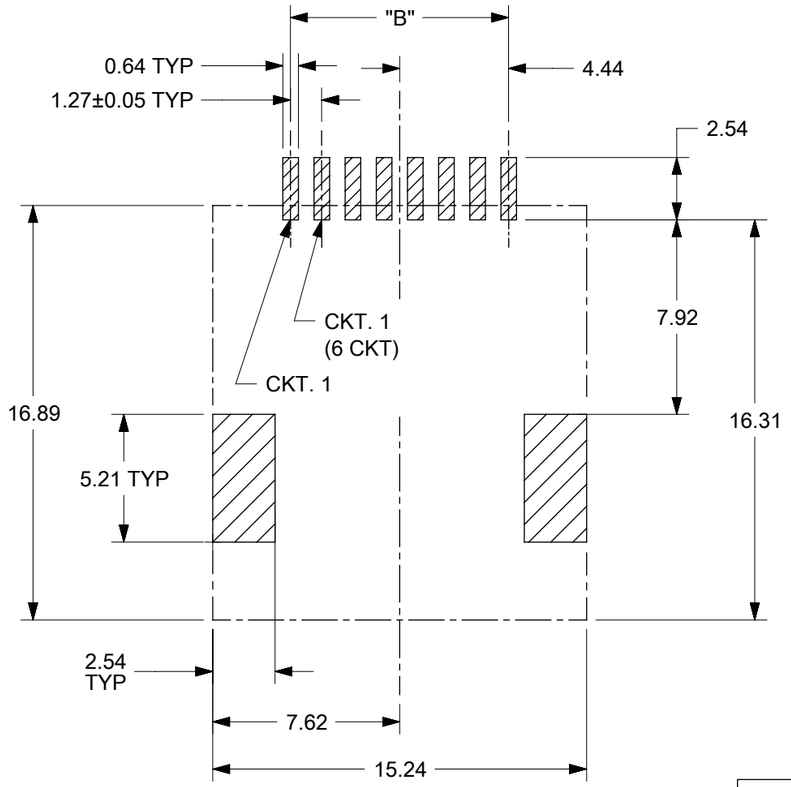
DOCUMENT NUMBER	DOC TYPE	DOC PART	REVISION
SD-44144-001	PSD	001	H8

MATERIAL NUMBER	CUSTOMER	SHEET NUMBER
SEE CHART	GENERAL MARKET	1 OF 2

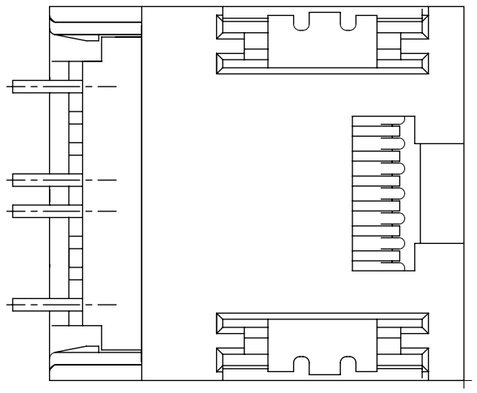
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REVISION: J1
DATE: 2021/05/01



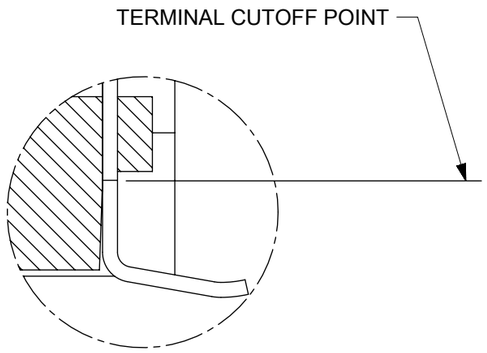
PCB LAYOUT FOR CONNECTOR SIZE 6
(COMPONENT SIDE OF BOARD)



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



TYPICAL VIEW SHOWING VOIDED CIRCUIT
44144-0016 SHOWN



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

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

DIMENSION UNITS	SCALE
mm	4:1

GENERAL TOLERANCES (UNLESS SPECIFIED)

ANGULAR TOL	±	0.5 °
4 PLACES	±	
3 PLACES	±	
2 PLACES	±	0.25
1 PLACE	±	0.38
0 PLACES	±	

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

CURRENT REV DESC: REMOVED OBSOLETED PART NUMBER AS PER PCN#511695.

EC NO: 730178
DRWN: SANTHN 2022/12/05
CHK'D: GGA 2023/01/04
APPR: GGA 2023/01/04

INITIAL REVISION:
DRWN: AFENG02 2017/02/23
APPR: KLANG 2017/02/27

THIRD ANGLE PROJECTION | DRAWING: A3-SIZE | SERIES: 44144

molex

4, 6, 8 CIRCUIT SMT
MODULAR JACK W/ FLUSH FITTING NAILS

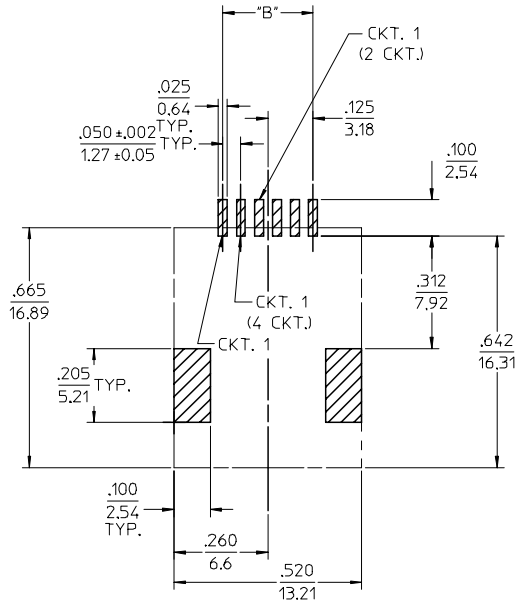
PRODUCT CUSTOMER DRAWING

DOCUMENT NUMBER	DOC TYPE	DOC PART	REVISION
SD-44144-001	PSD	001	H8

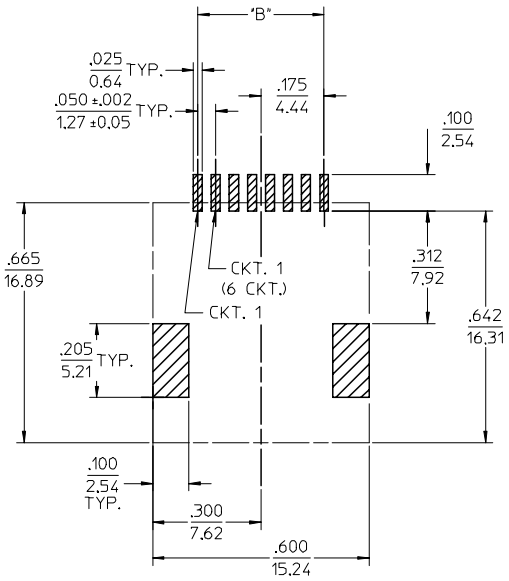
MATERIAL NUMBER	CUSTOMER	SHEET NUMBER
SEE CHART	GENERAL MARKET	2 OF 2

DOCUMENT STATUS	P1	RELEASE DATE	2023/01/04 04:25:01

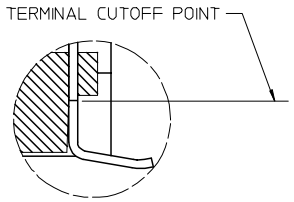
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REVISION: J1
DATE: 2021/05/01



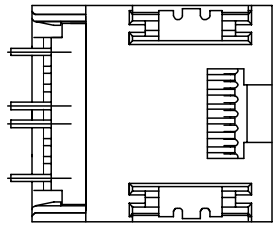
PCB LAYOUT FOR CONNECTOR SIZE 6
(COMPONENT SIDE OF BOARD)



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
DRWN: LSCHMDT 2004/01/05
CHKD: LSCHMDT 2004/01/05
APPR: FSMITH 2004/01/08
DESCRIPTION
REV

QUALITY SYMBOLS
▼ = 0
▽(C) = 0

GENERAL TOLERANCES (UNLESS SPECIFIED)

	mm	INCH
4 PLACES	± ---	± ---
3 PLACES	± ---	± .010
2 PLACES	± 0.25	± .015
1 PLACE	± 0.38	± ---
ANGULAR ±1/2°		

DRAFT WHERE APPLICABLE
MUST REMAIN
WITHIN DIMENSIONS

SCALE	4:1
DESIGN UNITS	INCH
	THIRD ANGLE PROJECTION
	REVISE ON CAD ONLY
DIMENSION STYLE	IN/MM
DRAWN BY	DSTAMBAU
DATE	00/04/07
CHECKED BY	BWIRKUS
DATE	00/04/07
APPROVED BY	R EDGLEY
DATE	00/04/07

TITLE
4, 6, 8 CIRCUIT SMT
MODULAR JACK W/ FLUSH
FITTING NAILS

MOLEX INCORPORATED

MATERIAL NO.	DOCUMENT NO.	SHEET NO.
SEE CHART	SD-44144-001	2 OF 2

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