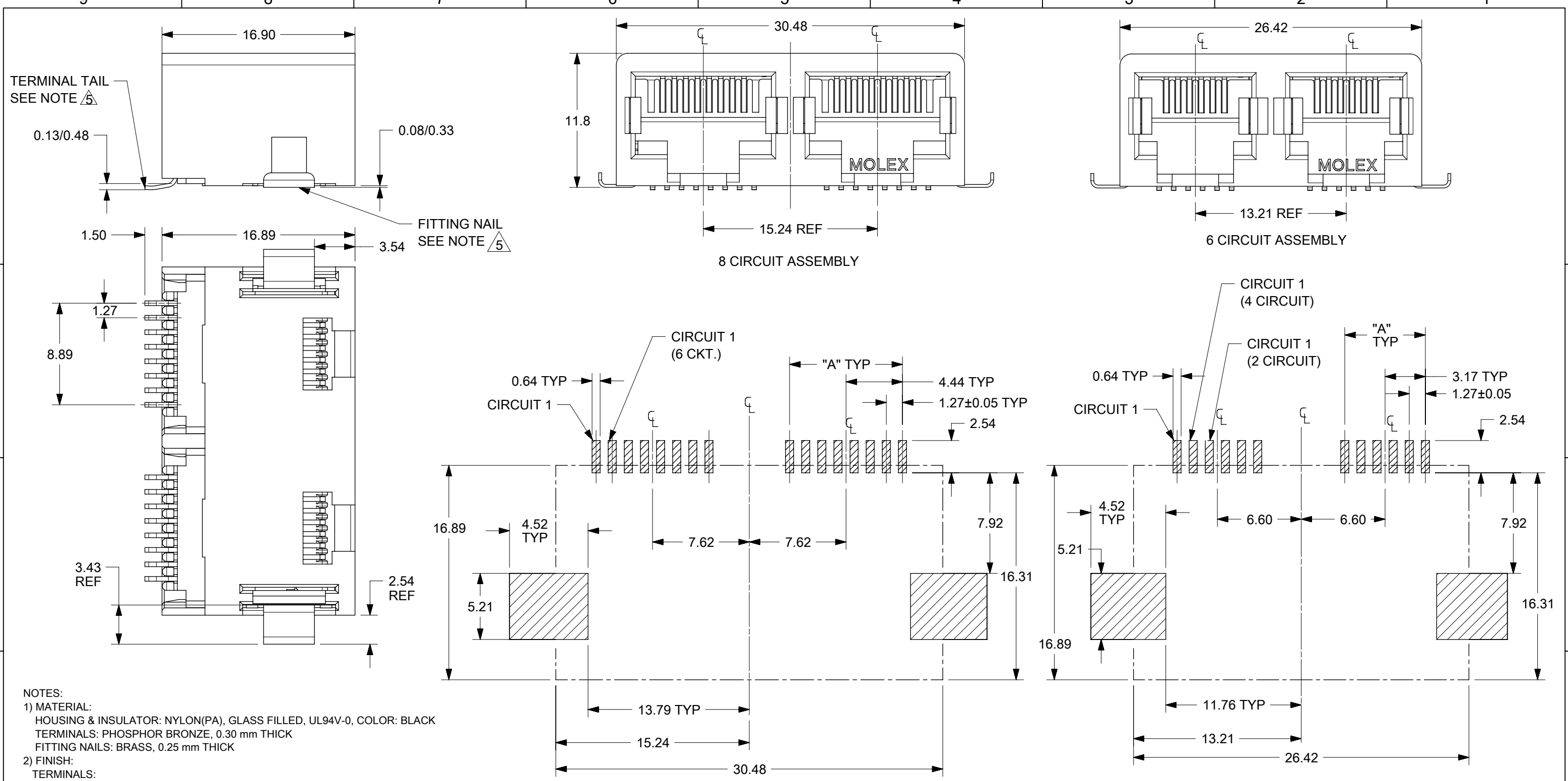




- NOTES:
- 1) MATERIAL:
HOUSING & INSULATOR: NYLON(PA), GLASS FILLED, UL94V-0, COLOR: BLACK
TERMINALS: PHOSPHOR BRONZE, 0.30 mm THICK
FITTING NAILS: BRASS, 0.25 mm THICK
- 2) FINISH:
TERMINALS:
A = SELECT GOLD IN CONTACT AREA: 0.00127 MIN.,
SELECT MATTE TIN IN PC TAIL AREA: 0.00254 MIN.,
WITH OVERALL NICKEL UNDERPLATE: 0.00127 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
- 3) PRODUCT SPECIFICATION AND PROCESSING PARAMETERS: PS-43743-0001.
- 4) PACKAGING SPECIFICATION:
CONNECTOR ASSEMBLIES TO BE PACKAGED USING TAPE & REEL SYSTEM.
- 5) COPLANARITY SPECIFICATION:
WHEN AN ASSEMBLY IS PLACED UPON A LEVEL SURFACE, THE MAXIMUM GAP BETWEEN THE LEVEL SURFACE AND ALL TERMINAL TAILS AND BOTH FITTING NAILS IS 0.15 mm.
- 6) 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 PARTS.
- 7) CONFORMS TO FCC REGULATION PART 68.5 FOR MODULAR JACKS.

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

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

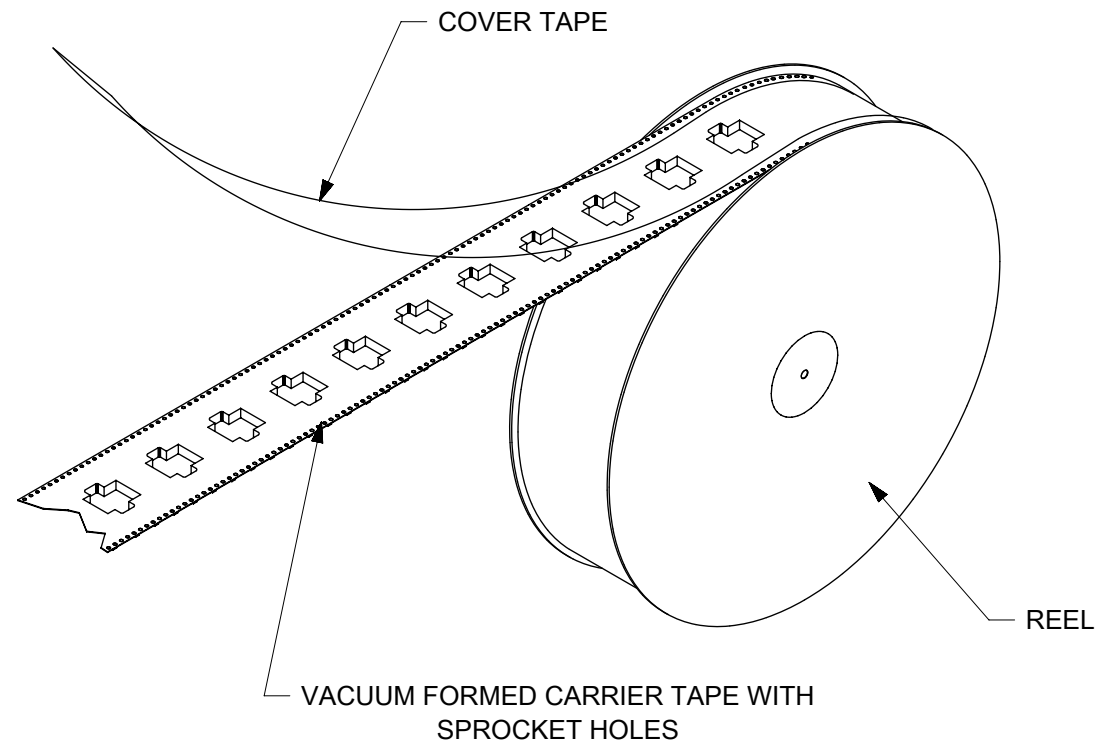
SYMBOLS		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION	
	= 0	DIMENSION UNITS	SCALE
	= 0	MM	3:1
	= 0	CURRENT REV DESC: SEE ECM 173578 FOR REFERENCE	
	= 0	GENERAL TOLERANCES (UNLESS SPECIFIED)	
	= 0	ANGULAR TOL ± 0.5°	
	= 0	4 PLACES ±	
	= 0	3 PLACES ±	
	= 0	2 PLACES ± 0.25	
	= 0	1 PLACE ± 0.38	
	= 0	0 PLACES ±	
	= 0	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	
	= 0	THIRD ANGLE PROJECTION	
		DRAWING	SERIES
		A3-SIZE	43841
		EC NO: 610913	
		DRWN: ME 2018/11/14	
		CHK'D: MKAMATHMARAK 2019/01/23	
		APPR: ME 2019/01/23	
		INITIAL REVISION:	
		DRWN: RFC_PLMIMP 2018/09/24	
		APPR: KLANG 2016/10/10	
		DOCUMENT NUMBER	
		SD-43841-001	
		DOC TYPE	DOC PART
		PSD	001
		REVISION	
		G6	
		MATERIAL NUMBER	CUSTOMER
		SEE CHART	GENERAL MARKET
		SHEET NUMBER	
		1 OF 2	

DOCUMENT STATUS	P1	RELEASE DATE	2019/01/23	16:39:23
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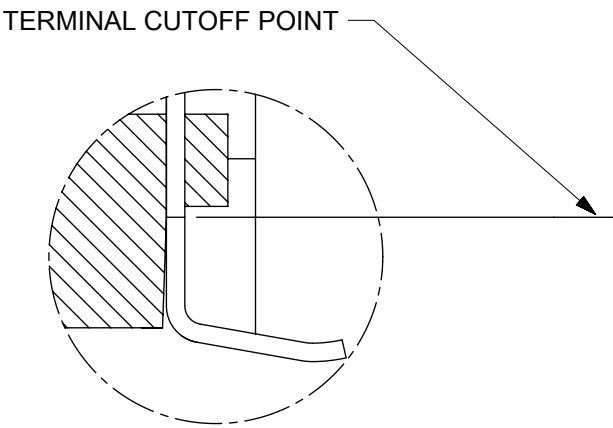
"X"=NOT TOOLED	ASSEMBLY ITEM NO.	CONNECTOR SIZE	CIRCUIT SIZE	TERMINAL PLATING	TAPE & REEL PACKAGING NO.	VOIDED CIRCUITS
X	43841-0001	8	4	A	PK-70873-7004	NA
X	43841-0002	8	6	A	PK-70873-7004	▲
	43841-0003	8	8	A	PK-70873-7004	
X	43841-0004	6	4	A	PK-70873-7003	
	43841-0005	6	6	A	PK-70873-7003	
X	43841-0006	8	4	B	PK-70873-7004	
X	43841-0007	8	6	B	PK-70873-7004	
X	43841-0008	8	8	B	PK-70873-7004	
X	43841-0009	6	4	B	PK-70873-7003	
X	43841-0010	6	6	B	PK-70873-7003	
X	43841-0011	8	4	C	PK-70873-7004	
X	43841-0012	8	6	C	PK-70873-7004	
	43841-0013	8	8	C	PK-70873-7004	
X	43841-0014	6	4	C	PK-70873-7003	
X	43841-0015	6	6	C	PK-70873-7003	
X	43841-0016	6	2	A	PK-70873-7003	
X	43841-0017	6	2	B	PK-70873-7003	▼
X	43841-0018	6	2	C	PK-70873-7003	NA

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

TYPICAL VIEW SHOWING VOIDED CIRCUIT
(CIRCUITS 2,3,6,7 SHOWN VOIDED)



TAPE AND REEL PACKAGING



VIEW SHOWING TYPICAL TERMINAL
CUTOFF OF TAIL (SEE NOTE 6) FOR VOIDED CIRCUITS.

SYMBOLS		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION	
▽ = 0	MM	SCALE	3:1
▽ = 0	GENERAL TOLERANCES (UNLESS SPECIFIED)		
▽ = 0	ANGULAR TOL	±	0.5 °
▽ = 0	4 PLACES	±	
▼ = 0	3 PLACES	±	
▽ = 0	2 PLACES	±	0.25
▽ = 0	1 PLACE	±	0.38
⊠ = 0	0 PLACES	±	
■ = 0	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		
▽ = 0			
		CURRENT REV DESC: SEE ECM 173578 FOR REFERENCE	
		EC NO: 610913	
		DRWN: ME	2018/11/14
		CHK'D: MKAMATHMARAK	2019/01/23
		APPR: ME	2019/01/23
		INITIAL REVISION:	
		DRWN: RFC_PLMIMP	2018/09/24
		APPR: KLANG	2016/10/10
		THIRD ANGLE PROJECTION	DRAWING
		A3-SIZE	SERIES
		43841	MATERIAL NUMBER
		SEE CHART	CUSTOMER
		GENERAL MARKET	SHEET NUMBER
		2 OF 2	

molex

4, 6 & 8 CIRCUIT
DUAL PORT SMT MODJACK

PRODUCT CUSTOMER DRAWING

DOCUMENT NUMBER	DOC TYPE	DOC PART	REVISION
SD-43841-001	PSD	001	G6