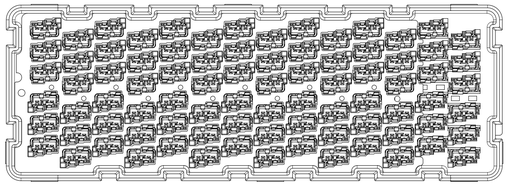
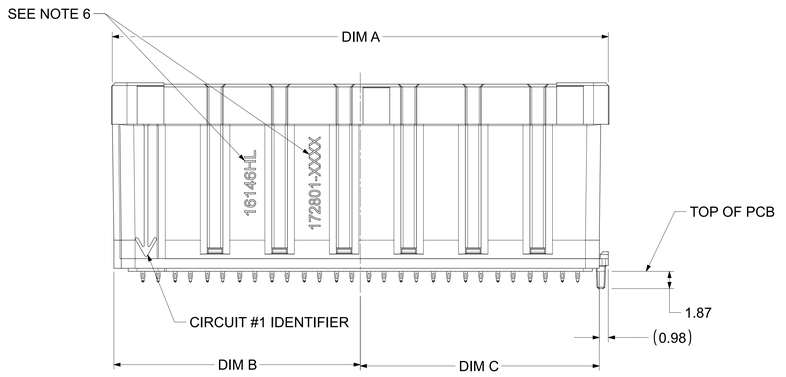
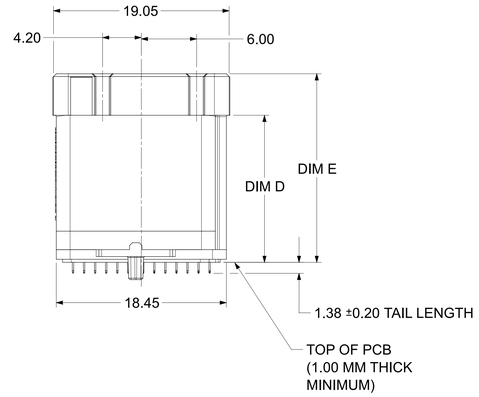
172801-0009 PLUG ASSEMBLY SHOWN

NOTES:
1. HOUSING MATERIAL: LCP, GLASS FILLED, UL 94V-0, BLACK
   CONTACT MATERIAL: HIGH PERFORMANCE COPPER ALLOY
2. FINISH:
   CONTACTS: SELECTIVE GOLD: 30 MICRO INCHES MINIMUM ON CONTACT AREA
   SELECTIVE TIN ON COMPLIANT PIN OVER 50 MICRO INCHES MINIMUM
   NICKEL OVERALL
3. PRODUCT SPECIFICATION: PS-172801-0001
4. PACKAGING SPECIFICATION: PK-173358-0001
5. APPLICATION SPECIFICATION: AS-172801-0001
6. PARTS TO BE MARKED WITH THE PART NUMBER AND DATE CODE.
   FORMAT IS 2 DIGIT YEAR, 3 DIGIT DAY, 1 DIGIT HOUR (IF NEEDED), AND
   ONE DIGIT ASSEMBLY LINE (IF NEEDED) BY MARKING THE HOUSING AS SHOWN.
7. THIS PART CONFORMS TO CLASS B REQUIREMENTS OF
   MOLEX COSMETIC SPEC. PS-45499-002







MATERIAL NUMBER	HEIGHT	NO. OF COLUMNS	DIM A	DIM B	DIM C	DIM D	DIM E	LOCATING PEG	TOOLED	MATES TO
1728010001	13.5	14	53.80	26.73	25.93	10.95	15.45	NO	YES	1728320001
1728010005	13.5	10	39.80	19.73	18.93	10.95	15.45	PRESENT	YES	1728320005
1728010006	21.5	10	39.80	19.73	18.93	18.95	23.45	PRESENT	YES	1728320005
1728010009	18.5	14	53.80	26.73	25.93	15.95	20.45	PRESENT	YES	1728320009
1728010013	18.5	16	60.80	30.23	29.43	15.95	20.45	PRESENT	YES	1728320013
1728010017	13.5	8	32.80	16.23	15.43	10.95	15.45	PRESENT	NO	1728320017
1728010018	21.5	12	46.80	23.23	22.43	18.95	23.45	PRESENT	NO	1728320018 & 1728320019
1728010021	21.5	20	74.80	37.23	36.43	18.95	23.45	PRESENT	NO	1728320024
1728010022	21.5	25	92.30	45.98	45.18	18.95	23.45	PRESENT	NO	1728320025
1728010035	18.5	16	60.80	30.23	29.43	15.95	20.45	PRESENT	YES	1728320034
1728010037	18.5	14	53.80	26.73	25.93	15.95	20.45	PRESENT	YES	1728320036

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DIMENSION UNITS	SCALE
MM	5:1

GENERAL TOLERANCES (UNLESS SPECIFIED)

ANGULAR TOL	± 0.5°
4 PLACES	±
3 PLACES	±
2 PLACES	± 0.150
1 PLACE	±
0 PLACES	±

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

CURRENT REV DESC: REMOVE COLUMN12 IN TABLE

STATUS: Production

DRWN:	Limon Lin	2025-04-08
CHK'D:	Limon Lin	2025-05-19
APPR:	Chien Ching Teh	2025-06-03

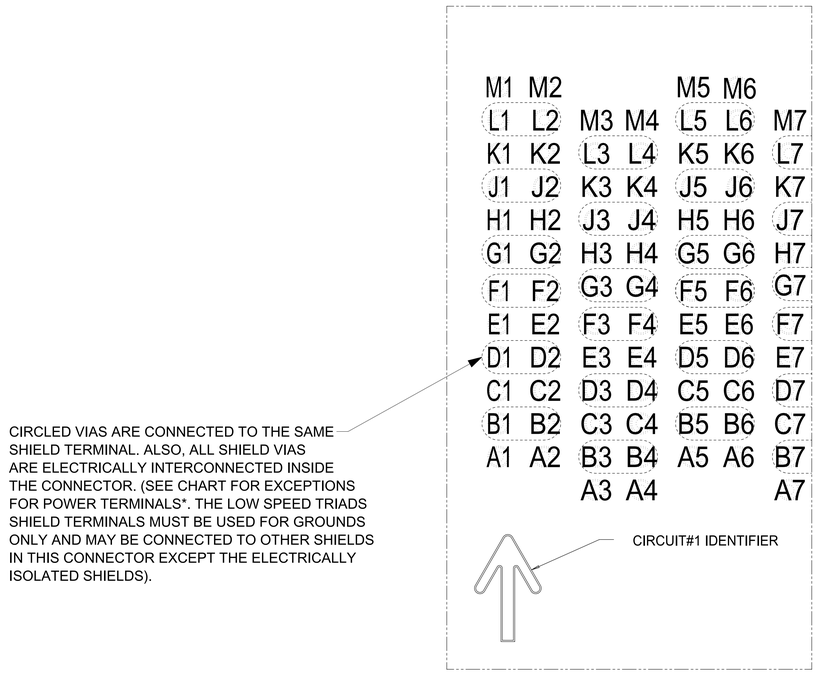
molex

NEOPRESS 6 ROW PLUG ASSY, 100 OHMS
100 OHM

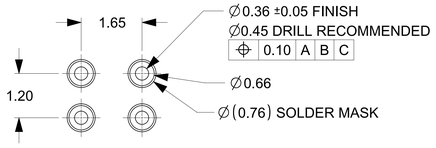
PRODUCT CUSTOMER DRAWING

DOCUMENT NUMBER	DOC TYPE	DOC PART	REVISION
1728010002	PSD	000	D3

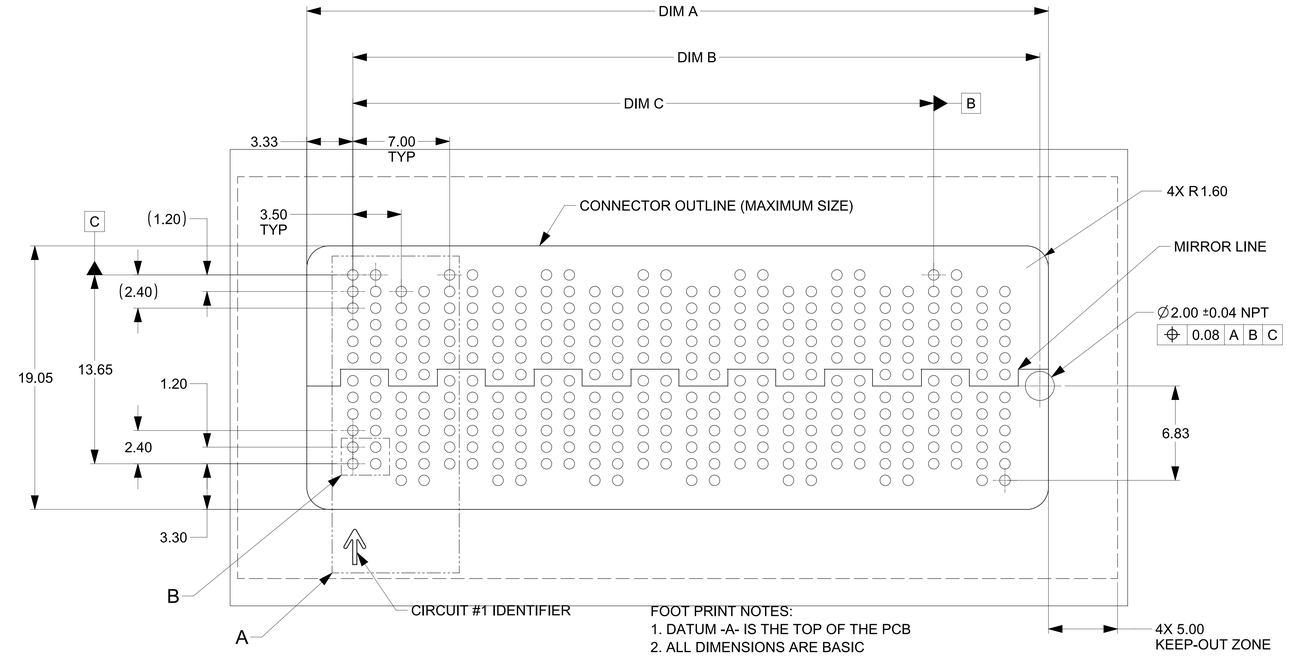
THIRD ANGLE PROJECTION	DRAWING	SERIES	MATERIAL NUMBER	CUSTOMER	SHEET NUMBER
	E-SIZE	172801	SEE TABLE	GENERAL MARKET	1 OF 2



DETAIL A
SCALE 12:1
NUMBERING SCHEME



DETAIL B
SCALE 16:1



FOOT PRINT NOTES:
1. DATUM -A- IS THE TOP OF THE PCB
2. ALL DIMENSIONS ARE BASIC

FOOT PRINT 6X14 SHOWN

MATERIAL NUMBER	NO. OF COLUMNS	DIM A	DIM B	DIM C	ELECTRICALLY ISOLATED SHIELDS *	LOW SPEED TRIADS *
1728010001	14	53.80	49.68	42.00	COLUMN 14: B27,B28,D27,D28,F27,F28,G27,G28,J27,J28,L27,L28	COLUMN 13: B25,B26,D25,D26,F25,F26,G25,G26,J25,J26,L25,L26
1728010005	10	39.80	35.68	28.00	N/A	N/A
1728010006	10	39.80	35.68	28.00	N/A	N/A
1728010009	14	53.80	49.68	42.00	COLUMN 14: B27,B28,D27,D28,F27,F28,G27,G28,J27,J28,L27,L28	COLUMN 13: B25,B26,D25,D26,F25,F26,G25,G26,J25,J26,L25,L26
1728010013	16	60.80	56.68	49.00	N/A	N/A
1728010017	8	32.80	28.68	21.00	N/A	N/A
1728010018	12	46.80	42.68	35.00	N/A	N/A
1728010021	20	74.80	70.68	63.00	COLUMN 19: B37,B38,D37,D38,F37,F38,G37,G38,J37,J38,L37,L38 COLUMN 20: B39,B40,D39,D40,F39,F40,G39,G40,J39,J40,L39,L40	COLUMN 18: B35,B36,D35,D36,F35,F36,G35,G36,J35,J36,L35,L36
1728010022	25	92.30	88.18	80.50	N/A	N/A
1728010035	16	60.80	56.68	49.00	COLUMN 15: B29,B30,D29,D30,F29,F30,G29,G30,J29,J30,L29,L30 COLUMN 16: B31,B32,D31,D32,F31,F32,G31,G32,J31,J32,L31,L32	COLUMN 14: B27,B28,D27,D28,F27,F28,G27,G28,J27,J28,L27,L28
1728010037	14	53.80	49.68	42.00	COLUMN 13: B25,B26,D25,D26,F25,F26,G25,G26,J25,J26,L25,L26 COLUMN 14: B27,B28,D27,D28,F27,F28,G27,G28,J27,J28,L27,L28	COLUMN 11: B21,B22,D21,D22,F21,F22,G21,G22,J21,J22,L21,L22

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DIMENSION UNITS	SCALE
MM	1:1

GENERAL TOLERANCES (UNLESS SPECIFIED)

ANGULAR TOL	± 0.5°
4 PLACES	±
3 PLACES	±
2 PLACES	± 0.150
1 PLACE	±
0 PLACES	±

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

CURRENT REV DESC: REMOVE COLUMN12 IN TABLE

STATUS: Production
DRWN: Limon Lin 2025-04-08
CHK'D: Limon Lin 2025-05-19
APPR: Chien Ching Teh 2025-06-03

molex

NEOPRESS 6 ROW PLUG ASSY, 100 OHMS
100 OHM

PRODUCT CUSTOMER DRAWING

DOCUMENT NUMBER	DOC TYPE	DOC PART	REVISION
1728010002	PSD	000	D3

THIRD ANGLE PROJECTION	DRAWING	SERIES	MATERIAL NUMBER	CUSTOMER	SHEET NUMBER
	E-SIZE	172801	SEE TABLE	GENERAL MARKET	2 OF 2