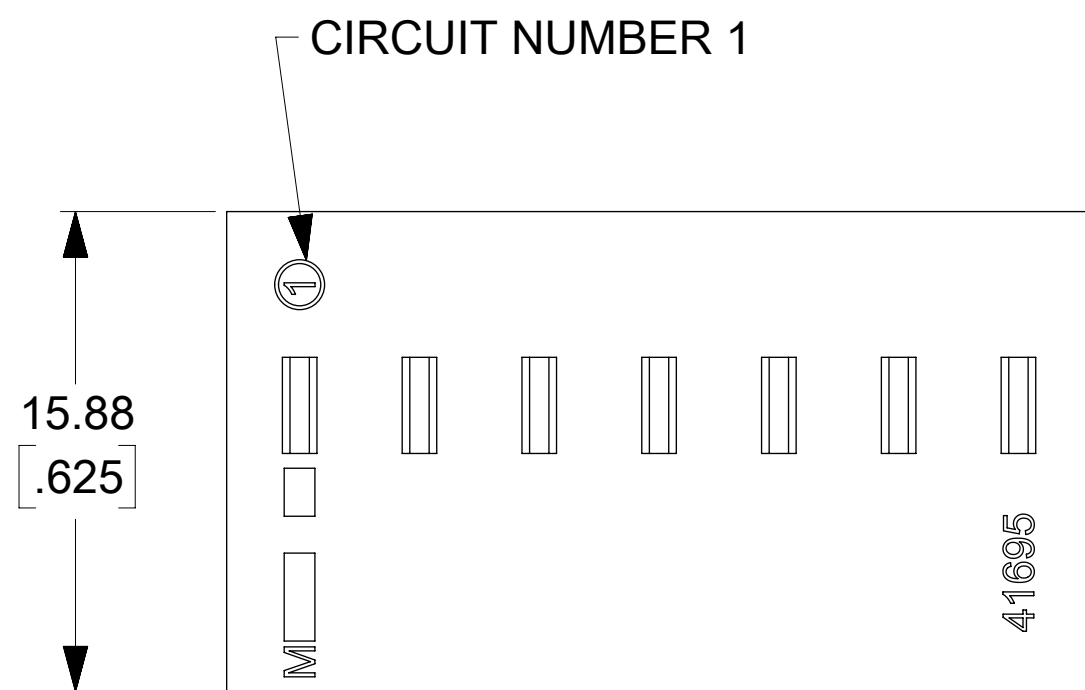
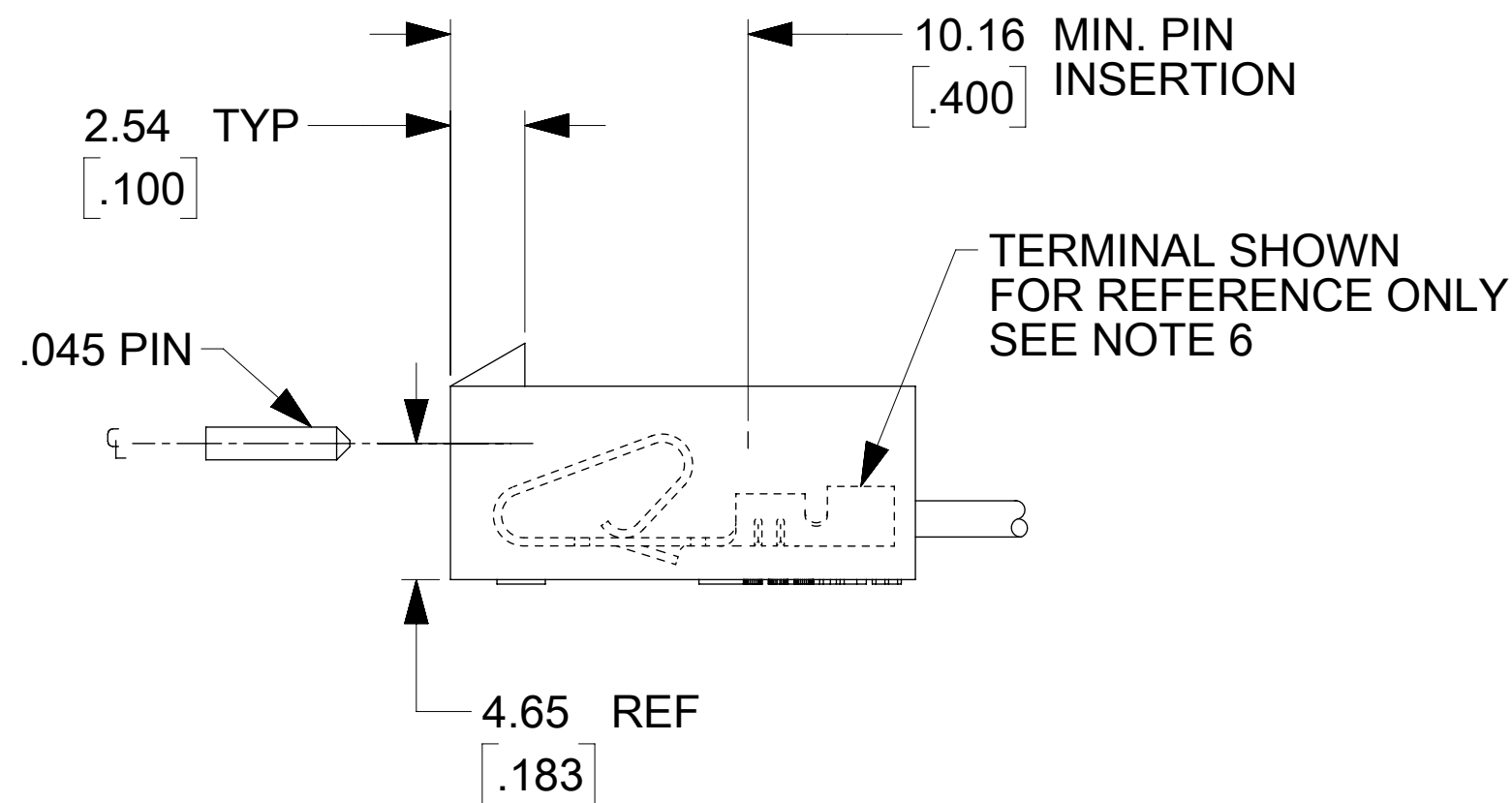
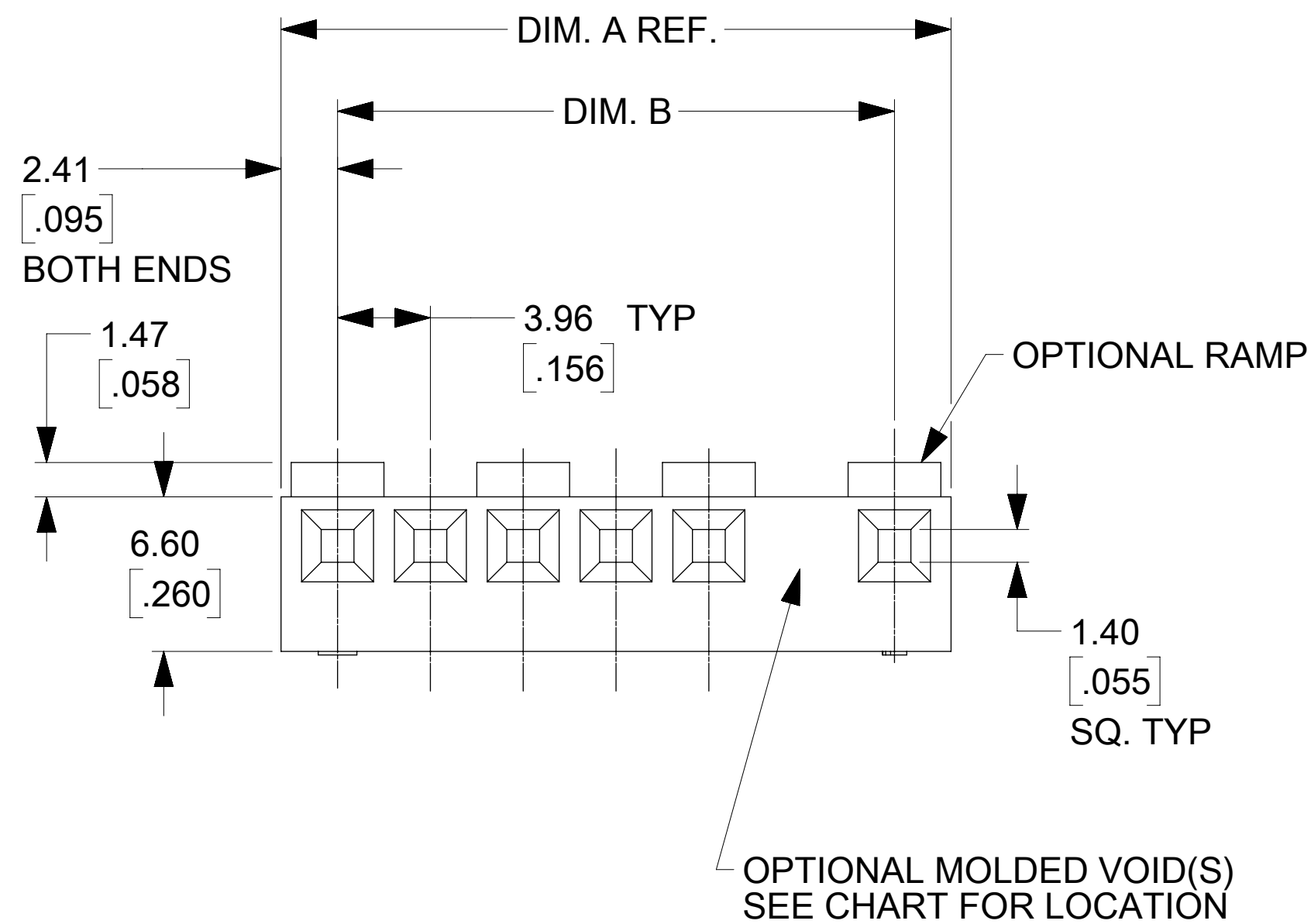
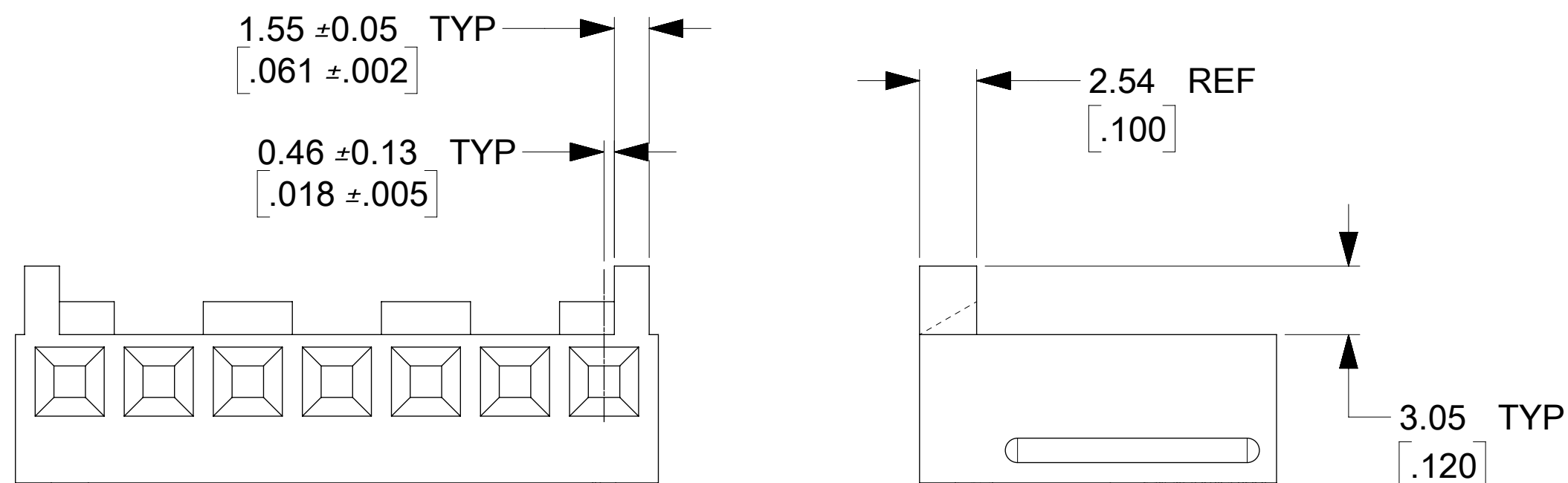


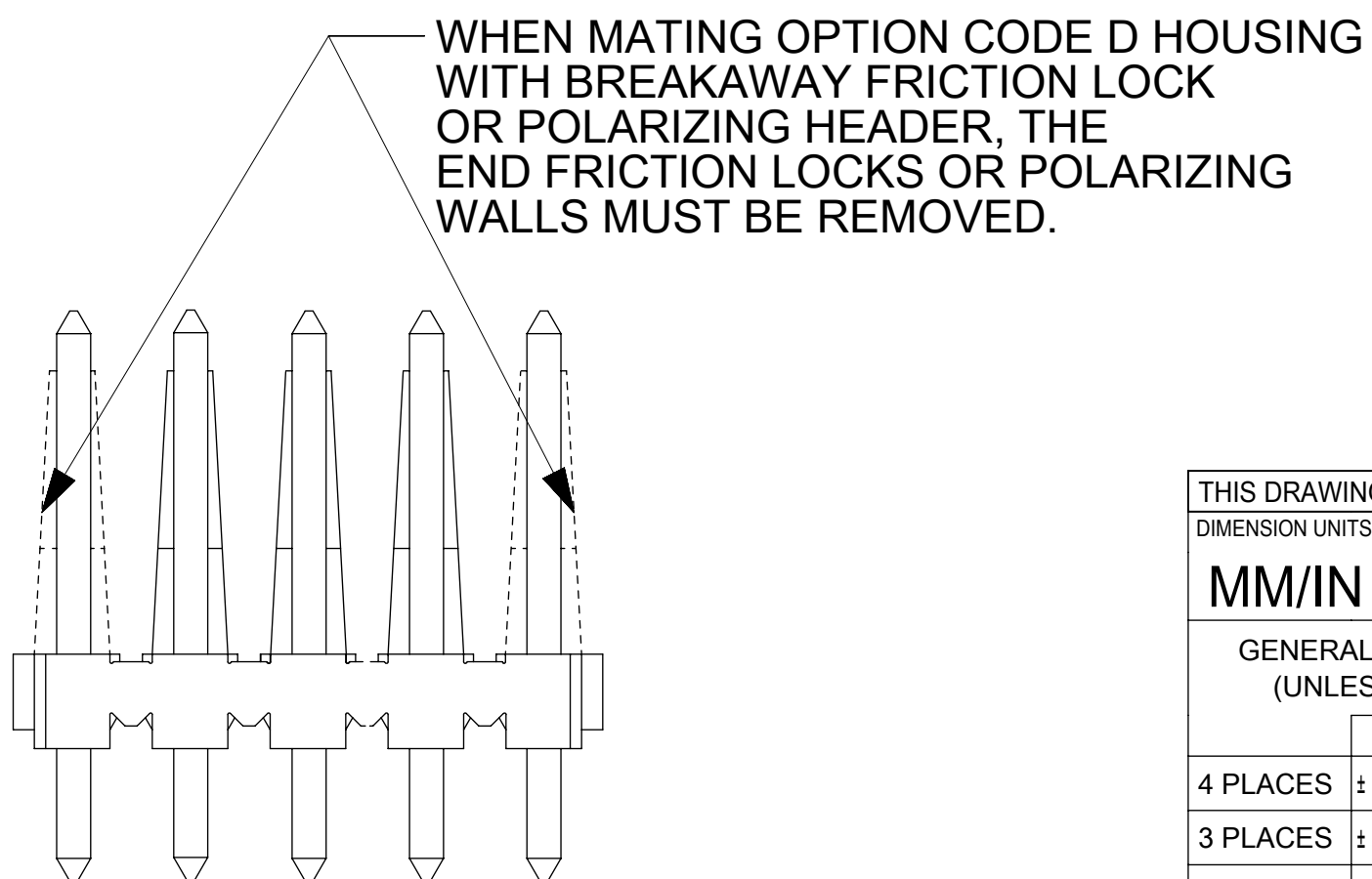


OPTION CODE D

WITH RAMPS AND POLARIZING RIBS



WHEN MATING WITH BREAKAWAY HEADERS THE FRICTION LOCK WALL MUST BE REMOVED



NOTES:

1. MATERIAL: N - GLASS FILLED POLYESTER, UL94V-0, MOLDED NATURAL
2. FINISH: SEE TERMINAL DRAWINGS
3. PRODUCT SPECIFICATION: PS-08-50, PS-40-02, AND PS-45570-001
4. PACKAGING INFORMATION: SEE LEGEND
5. MATES WITH 3.96/(1.56) CENTER HEADERS AND 1.14/(.045) SQUARE OR ROUND PINS
6. HOUSING ACCEPTS STANDARD TERMINAL NOS.:
2478 (18-24 AWG) WITH 2.79/(.110) MAX. INSULATION DIA.
2578 (22-26 AWG) WITH 1.65/(.065) MAX. INSULATION DIA.
OR TRIFURCON TERMINAL NOS.:
6838 (18-24 AWG) WITH 2.79/(.110) MAX. INSULATION DIA.
7258 (22-26 AWG) WITH 1.65/(.065) MAX. INSULATION DIA.
OR MARKK TERMINAL NO.:
45570 (18-20 AWG) WITH 3.12/(.123) MAX. INSULATION DIA.
7. BOW .006 MM/MM / (.006 IN/IN).
8. (0.13)/.005 MAX. FLASH ALLOWED ALONG DIMENSION B AND IN LOCKING WINDOW.
9. THIS PART CONFORMS TO CLASS B REQUIREMENTS OF COSMETIC SPECIFICATION PS-45499-002.
10. GEOMETRY ON THIS SHEET APPLIES TO 7-14 CIRCUIT PARTS WITH WINDOW GEOMETRY.
SEE SHEET 2 FOR 7-14 CIRCUIT PARTS WITHOUT WINDOW GEOMETRY.
SEE SHEET 3 FOR 2-6 CIRCUIT PARTS WITHOUT WINDOW GEOMETRY.

	2	1
NO. OF CKTS.	DIM. A REF.	DIM. B
2	8.79 (.346)	3.96±0.05 (.156±.002)
3	12.75 (.502)	7.92±0.08 (.312±.003)
4	16.71 (.658)	11.89±0.08 (.468±.003)
5	20.67 (.814)	15.85±0.08 (.624±.003)
6	24.64 (.970)	19.81±0.10 (.780±.004)
7	28.60 (1.126)	23.77±0.10 (.936±.004)
8	32.56 (1.282)	27.74±0.10 (1.092±.004)
9	36.53 (1.438)	31.70±0.10 (1.248±.004)
10	40.49 (1.594)	35.66±0.15 (1.404±.006)
11	44.45 (1.750)	39.62±0.15 (1.560±.006)
12	48.41 (1.906)	43.59±0.15 (1.716±.006)
13	52.37 (2.062)	47.55±0.15 (1.872±.006)
14	56.34 (2.218)	51.51±0.18 (2.028±.007)

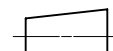
41695 - * - * N - ###

MATERIAL CODE
N=MOLDED NATURAL

VOID CODE
 BLANK=NO VOIDS
 NO.=NO.CORRESPONDS TO
 CKT. NO. VOIDED
 MULT. VOIDS=START WITH 51

NO. OF CKTS.

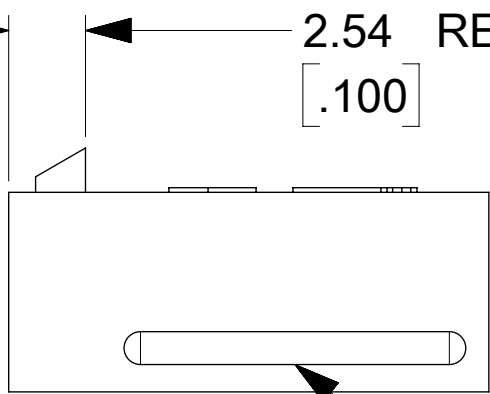
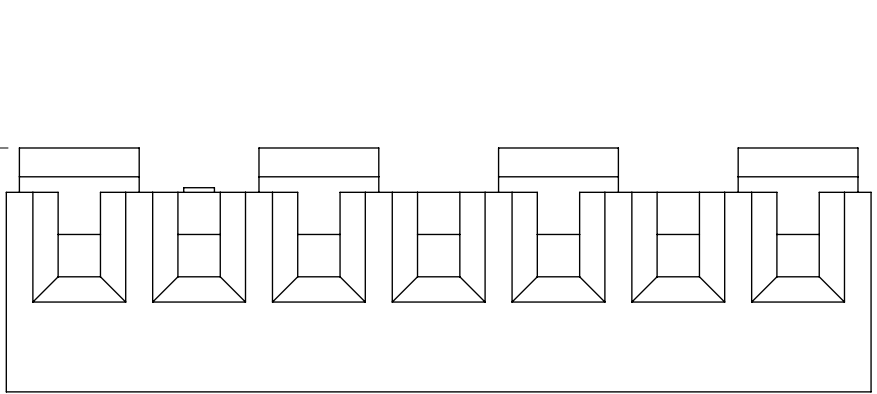
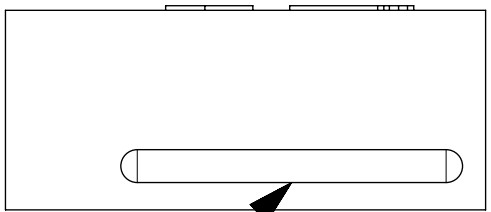
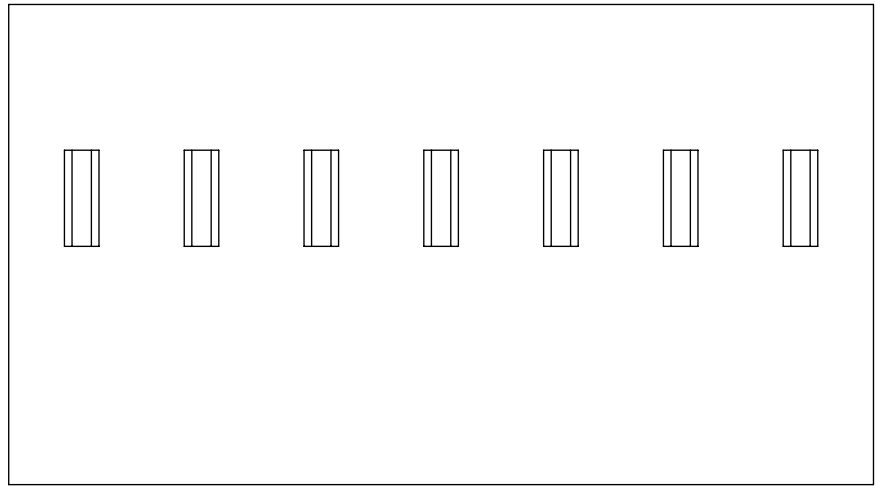
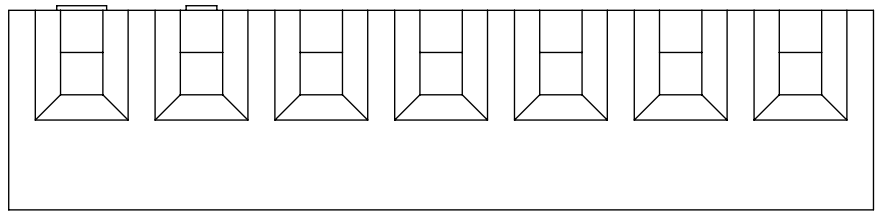
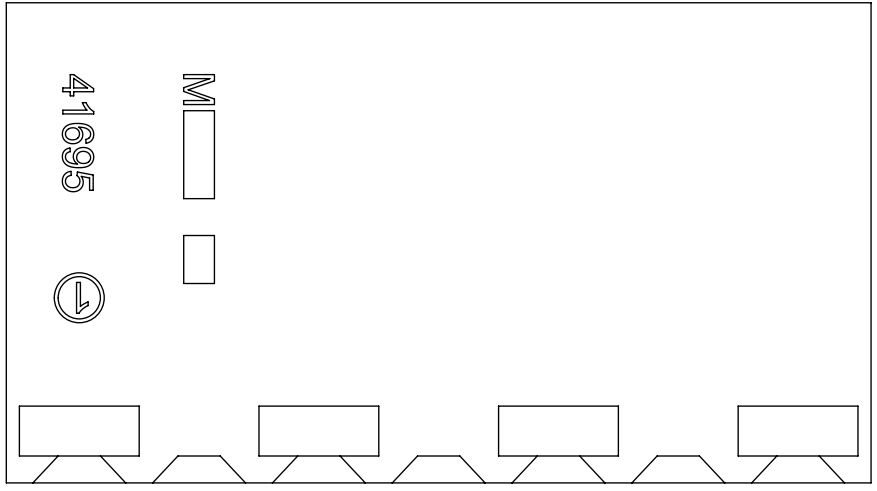
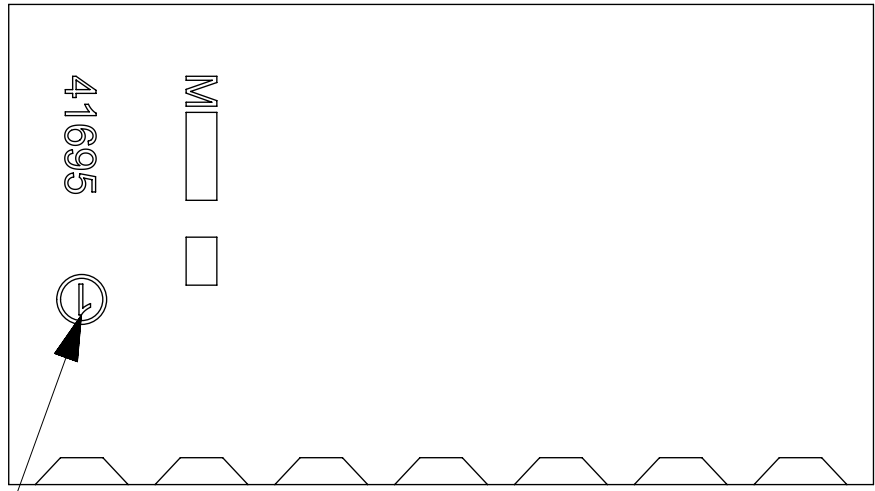
OPTION CODE			
CODE	RAMP	POLARIZING RIBS	PACKAGE PER
A	NO	NO	BULK PK-41695-001
B	YES	NO	BULK PK-41695-001
D	YES	YES	BULK PK-41695-001

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: 7-14CKT PROD CHANGE			molex					
MM/IN		4:1										
GENERAL TOLERANCES (UNLESS SPECIFIED)							EC NO: 177792 DRWN: RLALSANGI 2018/03/28 CHK'D: SS06 2018/06/08 APPR: ISHWARG 2018/06/08			KK (3.96)/.156 CRIMP TERMINAL HOUSING		
	MM	INCH										
4 PLACES		±	±		INITIAL REVISION: DRWN: SKOWRONSKI 1986/04/05 APPR: FSMITH 2012/01/13			PRODUCT CUSTOMER DRAWING DOCUMENT NUMBER SD-41695 DOC TYPE PSD DOC PART 001 REVISION L				
3 PLACES		±	± 0.005									
2 PLACES		±	0.13	± 0.01								
1 PLACE		±	0.25	±								
0 PLACES		±										
ANGULAR TOL				± 0.5 °								
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				THIRD ANGLE PROJECTION		DRAWING	SERIES	MATERIAL NUMBER	CUSTOMER	SHEET NUMBER		
				 		D-SIZE	41695	SEE CHART	GENERAL MARKET	1 OF 3		

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OPTION CODE A

OPTION CODE B

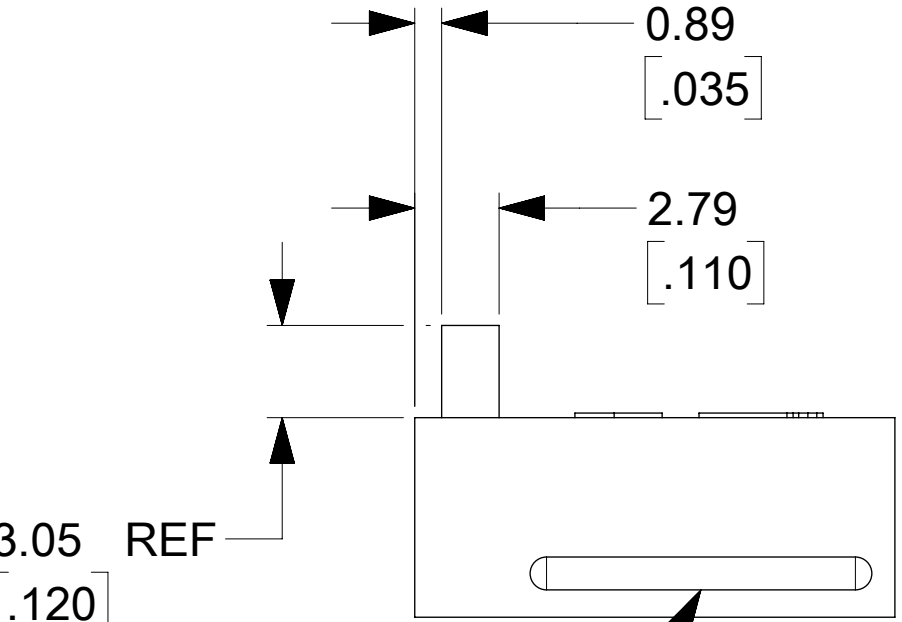
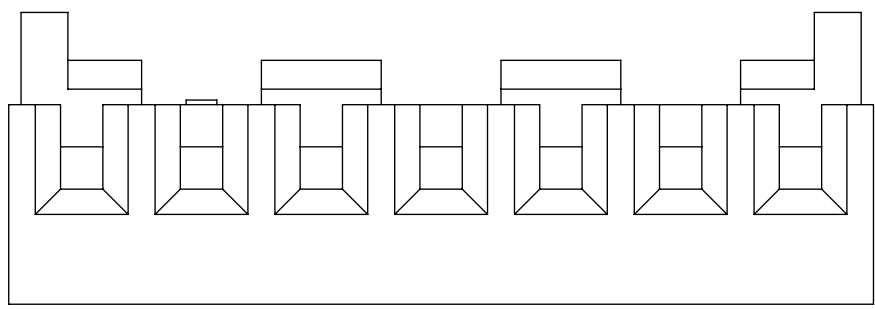
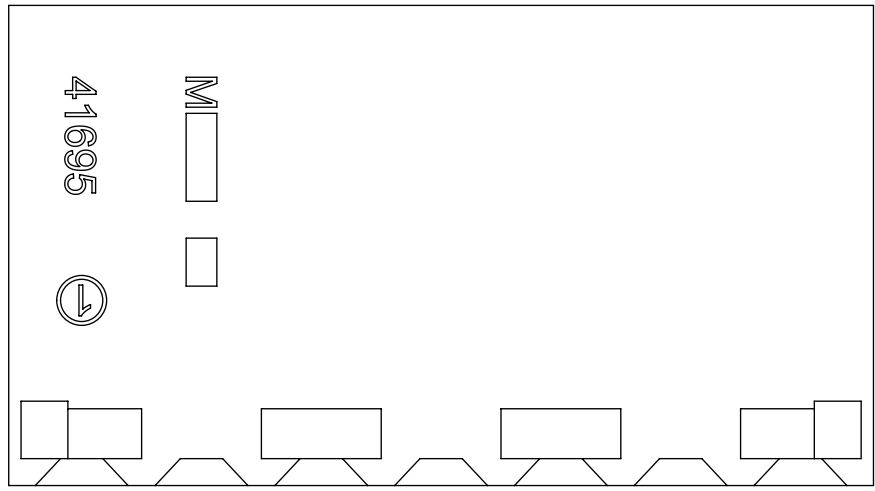


GROOVE MAY BE PRESENT
(BOTH SIDES)

GROOVE MAY BE PRESENT
(BOTH SIDES)

NOTES:
GEOMETRY ON THIS SHEET APPLIES TO 7-14 CIRCUIT PARTS WITHOUT WINDOW GEOMETRY.
SEE SHEET 1 FOR ALL OTHER DIMENSIONS.

OPTION CODE D



GROOVE MAY BE PRESENT
(BOTH SIDES)

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: 7-14CKT PROD CHANGE				molex KK (3.96)/.156 CRIMP TERMINAL HOUSING					
MM/IN		4:1											
GENERAL TOLERANCES (UNLESS SPECIFIED)				EC NO: 177792 DRWN: RLALSANGI 2018/03/28 CHK'D: SS06 2018/06/08 APPR: ISHWARG 2018/06/08				PRODUCT CUSTOMER DRAWING					
		MM	INCH										
4 PLACES	±		±	INITIAL REVISION: DRWN: SKOWRONSKI 1986/04/05 APPR: FSMITH 2012/01/13				DOCUMENT NUMBER		DOC TYPE	DOC PART	REVISION	
3 PLACES	±		± 0.005					SD-41695		PSD	001	L	
2 PLACES	±	0.13	± 0.01										
1 PLACE	±	0.25	±										
0 PLACES	±		±										
ANGULAR TOL		±	0.5 °										
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				THIRD ANGLE PROJECTION		DRAWING		SERIES		MATERIAL NUMBER		CUSTOMER	SHEET NUMBER
						D-SIZE		41695		SEE CHART		GENERAL MARKET	2 OF 3

Technical drawing of a 16-pin connector, showing two options (A and B) for the internal structure of the connector housing.

OPTION CODE A

OPTION CODE B

Dimensions:

- 1.47 REF (Reference dimension for the groove width in Option B)
- .058 (Dimension for the groove width in Option B)
- 2.54 REF (Reference dimension for the groove width in Option B)
- .100 (Dimension for the groove width in Option B)

Notes:

- GROOVE MAY BE PRESENT (BOTH SIDES)

1.47 REF
[.058]

2.54 REF
[.100]

GROOVE MAY BE PRESENT
(BOTH SIDES)

[illegible]

41695-N-BN-*		
PART NO.	ENG. NO.	VOIDS
	NOT AVAILABLE	
09-50-8021	41695-N-B2	
09-50-8031	41695-N-B3	
09-50-8041	41695-N-B4	
09-50-8051	41695-N-B5	
09-50-8061	41695-N-B6	
09-50-8071	41695-N-B7	
09-50-8081	41695-N-B8	
09-50-8091	41695-N-B9	
09-50-8101	41695-N-B10	
09-50-8111	41695-N-B11	
09-50-8121	41695-N-B12	
09-50-8131	41695-N-B13	
09-50-8141	41695-N-B14	
09-50-9030	41695-N-B3-2	2
	41695-N-B4-2	2
	41695-N-B5-2	2
	41695-N-B9-2	2
	41695-N-B11-2	2
09-50-9121	41695-N-B12-2	2
	41695-N-B14-2	2
09-50-9060	41695-N-B6-5	5
09-50-9070	41695-N-B7-6	6
09-50-9071	41695-N-B7-2	2
09-50-9040	41695-N-B4-3	3
09-50-9090	41695-N-B9-7	7
	41695-N-B14-13	13
09-50-9136	41695-N-B13-5	5
09-50-9137	41695-N-B13-8	8
09-50-9050	41695-N-B5-51	2,4
09-50-9061	41695-N-B6-3	3
09-50-9080	41695-N-B8-2	2
41695-0005	41695-N-B7-3	3
41695-0006	41695-N-B14-51	5,9

OPTION CODE D

NOTES:
GEOMETRY ON THIS SHEET APPLIES TO 2-6 CIRCUIT PARTS WITHOUT WINDOW GEOMETRY.
SEE SHEET 1 FOR ALL OTHER DIMENSIONS.

The drawing includes three views of a circuit board component:

- Top View:** Shows a rectangular component with a central horizontal slot. Dimensions include a width of 0.89 [0.035] and a distance of 2.79 [0.110] from the left edge to the start of the slot. A reference dimension of 3.05 [0.120] is shown from the left edge to the center of the slot.
- Bottom View:** Shows the underside of the component with a central horizontal slot. A note indicates "GROOVE MAY BE PRESENT (BOTH SIDES)".
- Side View:** Shows the profile of the component with a central horizontal slot. A note indicates "GROOVE MAY BE PRESENT (BOTH SIDES)".

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Technical drawing of a mechanical part showing dimensions and a note. The drawing includes a side view and a top view. The side view shows a part with a width of 0.89 (tolerance .035) and a height of 2.79 (tolerance .110). A reference line is shown at 3.05 (tolerance .120). A note indicates: GROOVE MAY BE PRESENT (BOTH SIDES).

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: 7-14CKT PROD CHANGE			molex KK (3.96)/.156 CRIMP TERMINAL HOUSING						
MM/IN		4:1											
GENERAL TOLERANCES (UNLESS SPECIFIED)				EC NO: 177792 DRWN: RLALSANGI 2018/03/28 CHK'D: SS06 2018/06/08 APPR: ISHWARG 2018/06/08						PRODUCT CUSTOMER DRAWING			
							MM		INCH				
							4 PLACES	±					±
							3 PLACES	±		± 0.005			
2 PLACES	±	0.13	± 0.01										
1 PLACE	±	0.25	±										
0 PLACES	±		±										
ANGULAR TOL ± 0.5 °							DOCUMENT NUMBER			DOC TYPE	DOC PART	REVISION	
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				THIRD ANGLE PROJECTION  			SD-41695			PSD	001	L	
DRAWING		SERIES		MATERIAL NUMBER		CUSTOMER			SHEET NUMBER				
D-SIZE		41695		SEE CHART		GENERAL MARKET			3 OF 3				