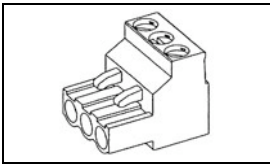


796634-3 Product Details

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796634-3

TE Internal Number: 796634-3
 Active

[View 3D PDF](#)

Terminal Block Connectors

Always EU RoHS/ELV Compliant (Statement of Compliance)

Product Highlights:

- Connector
- Type of Connector = Plug
- Not Shrouded
- Housing Color = Green
- Side Stackable

[View all Features](#)

Quick Links

- ▶ [Pricing & Availability](#)
- ▶ [Search for Tooling](#)
- ▶ [View Mating Products \(33\)](#)
- ▶ [Product Feature Selector](#)
- ▶ [Contact Us About This Product](#)

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Documentation & Additional Information

Product Drawings:

- [TERMINAL BLOCK, PLUG, STACKING, 5.08mm PITCH](#) (PDF, English)

Catalog Pages/Data Sheets:

- [1-1773458-1_EURO_STYLE_TERMINAL_BLOCKS_QRG](#) (PDF, English)
- [BUCHANAN TERMINAL BLOCKS CATALOG - EUROSTYLE TERMINA...](#) (PDF, English)
- [Eurostyle Terminal Blocks Focus Product Stock List](#) (PDF, English)

Product Specifications:

- None Available

Application Specifications:

- [Terminal Block Stacking Connectors](#) (PDF, English)

Instruction Sheets:

- None Available

CAD Files: (CAD Format & Compression Information)

- [2D Drawing](#) (DXF, Version P)
- [3D Model](#) (IGES, Version P)
- [3D Model](#) (STEP, Version P)

[List all Documents](#)

Additional Information:

- [Product Line Information](#)

Related Products:

- [Tooling](#)
- [Mating Products \(33\)](#)

Product Features (Please use the Product Drawing for all design activity)

Product Type Features:

- **Product Type** = Connector
- **Type of Connector** = Plug
- **Shrouded** = No
- **Mount Angle** = Right Angle
- **Screw Size** = M3

Electrical Characteristics:

- **Amperes (A)** = 15.0
- **Voltage (VAC)** = 300

Body Features:

- **Side Stackable** = Yes
- **Wire Entry Diameter (Solid Wire) (mm²)** = 0.03 - 2.50
- **Wire Entry Diameter (Stranded Wire) (mm²)** = 0.03 - 1.50
- **Wire Entry Angle** = Side
- **Interlock** = Without
- **Wire Range (mm [AWG])** = 0.05-3.00² [30-12]
- **Screw Material** = Brass
- **Screw Plating** = Nickel

Contact Features:

- **Contact Base Material** = Phosphor Bronze
- **Contact Plating, Mating Area, Material** = Tin

Housing Features:

- **Housing Color** = Green
- **Centerline (mm [in])** = 5.08 [0.200]
- **Housing Material** = Polyamide 6.6 GF
- **UL Flammability Rating** = UL 94V-0

Configuration Features:

- **Screw Flange** = Without
- **Number of Positions** = 3

Industry Standards:

- **RoHS/ELV Compliance** = RoHS compliant, ELV compliant
- **Lead Free Solder Processes** = Not relevant for lead free process
- **RoHS/ELV Compliance History** = Always was RoHS compliant

Other:

- **Brand** = Buchanan

Corporate Information

[About TE](#)
[Investors](#)
[News Room](#)

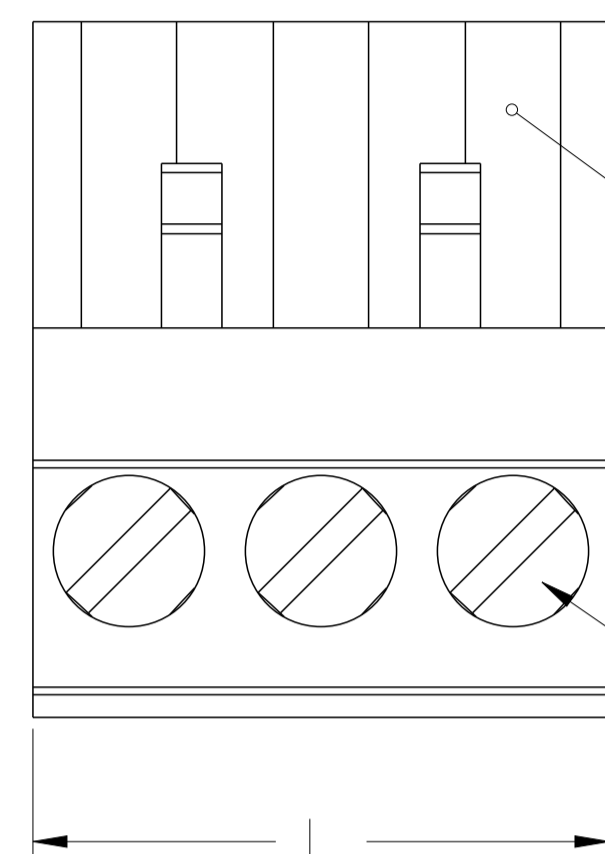
Quick Links

[Distributor Inventory](#)
[Product Cross Reference](#)
[Documents & Drawings](#)

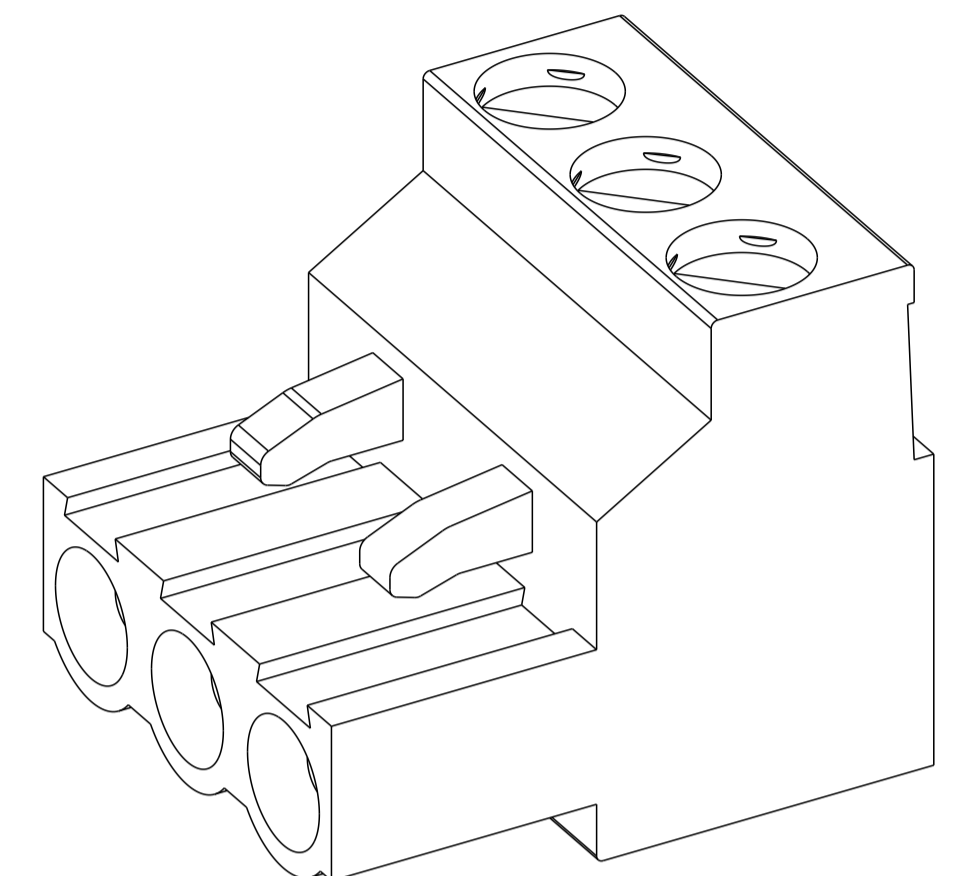
Customer Support

[Email or Chat With Us](#)
[Find a Phone Number](#)
[Knowledge Base](#)

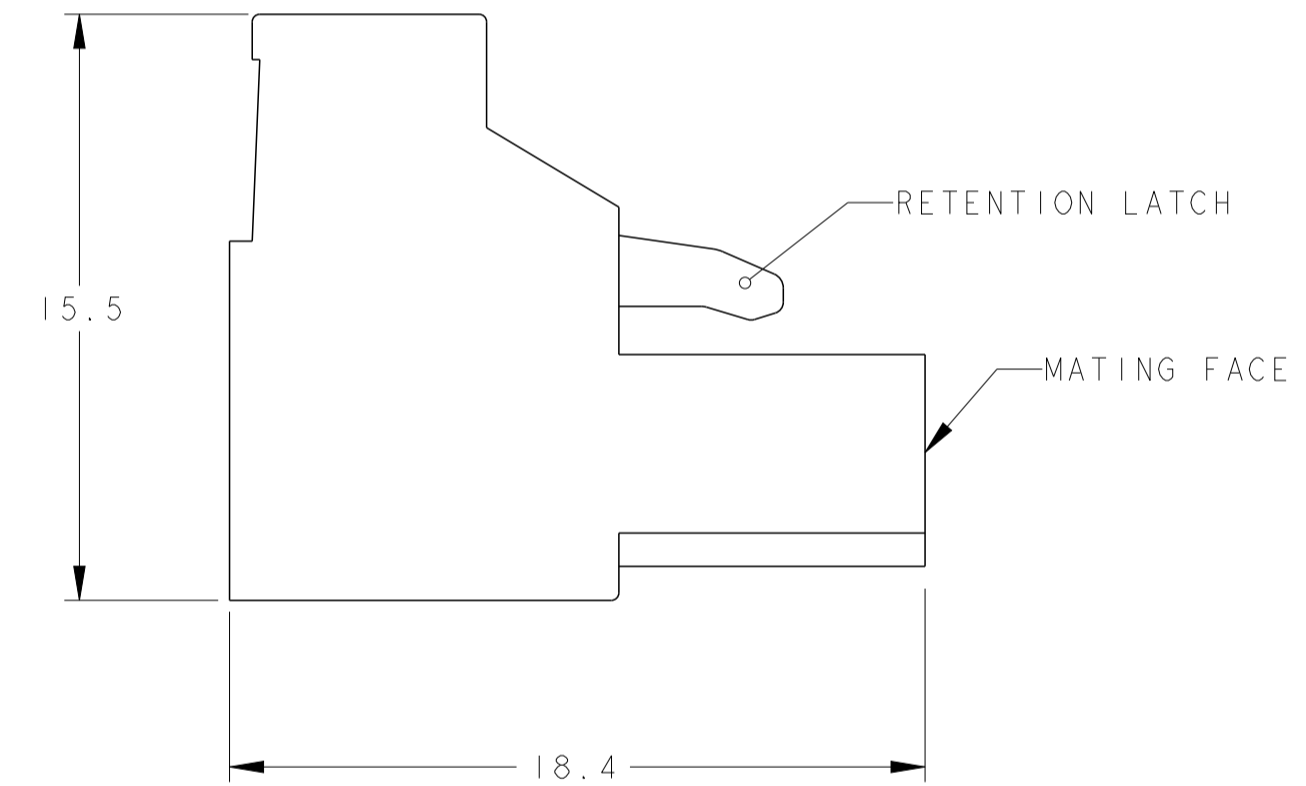
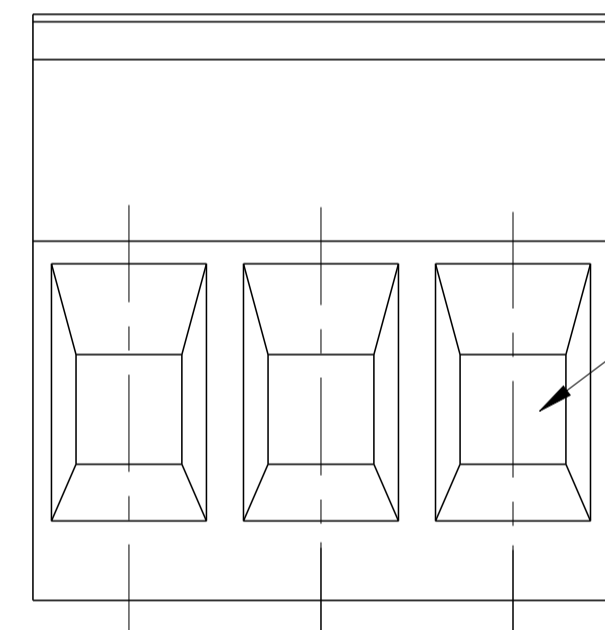
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FT	0	P	LTN	DESCRIPTION	DATE	OWN	APVD
		R9		REVISED PER ECO-12-017405	29SEP2012	KH	MB



POLARIZATION KEY SLOT
 CLAMPING SCREW



796634-3 AS SHOWN



2.54 REF 2 PLC
 5.08±0.05 TYP

- 1 MATERIALS AND FINISH:
 HOUSING: PA 6-6, UL 94-V0, COLOR:GREEN.
 CLAMP: BRASS, PLATING: SEE TABLE.
 DOUBLE SIDE CONTACT SPRING: PHOSPHOR BRONZE, PLATING: SEE TABLE.
 CLAMPING SCREW: M3, BRASS, NICKEL PLATED.
2. END-TO-END STACKABLE WITHOUT LOSS OF CENTERLINE SPACING.
3. WIRE SIZE RANGE: 12-30 AWG.
4. RECOGNIZED UNDER THE COMPONENT PROGRAM OF UNDERWRITERS LABORATORIES INC. FILE N° E60677.
5. IMQ CERTIFICATE WITH SURVEILLANCE IN CONFORMITY WITH IEC 998-1/998-2-1.
- 6 NOT CUMULATIVE TOLERANCE
- 7 INK MARKING, WHITE COLOR
- 8 INK MARKING, BLACK COLOR
- 9 NUMERICAL SEQUENCE: FROM LEFT TO RIGHT UNLESS OTHERWISE SPECIFIED.
10. BUCHANAN LOGO TO APPEAR ON HOUSING, LOCATION OPTIONAL WHERE SPACE PERMITS.
- 11 SELECTIVELY LOADED IN POSITIONS 1,2,4,5,7,8.

REMOVE PIN 3	PRELIMINARY	NICKEL	TIN	7/9	DETAIL AB	86.36	17	8-796634-4
	PRELIMINARY	NICKEL	TIN	-	-	25.40	5	8-796634-3
	PRELIMINARY	NICKEL	0.76 μm AU	-	-	106.68	21	8-796634-2
	PRELIMINARY	NICKEL	0.76 μm AU	-	-	86.36	17	8-796634-1
	PRELIMINARY	NICKEL	0.76 μm AU	-	-	71.12	14	8-796634-0
	PRELIMINARY	NICKEL	0.76 μm AU	-	-	60.96	12	7-796634-9
	PRELIMINARY	NICKEL	0.76 μm AU	-	-	50.80	10	7-796634-8
	PRELIMINARY	NICKEL	0.76 μm AU	-	-	45.72	9	7-796634-7
	PRELIMINARY	NICKEL	0.76 μm AU	-	-	40.64	8	7-796634-6
	PRELIMINARY	NICKEL	0.76 μm AU	-	-	35.56	7	7-796634-5
	PRELIMINARY	NICKEL	0.76 μm AU	-	-	30.48	6	7-796634-4
	PRELIMINARY	NICKEL	0.76 μm AU	-	-	25.40	5	7-796634-3
	PRELIMINARY	NICKEL	0.76 μm AU	-	-	20.32	4	7-796634-2
	PRELIMINARY	NICKEL	0.76 μm AU	-	-	15.24	3	7-796634-1
	PRELIMINARY	NICKEL	0.76 μm AU	-	-	10.16	2	7-796634-0
		NICKEL	TIN	-	DETAIL Z	40.64	8	6-796634-9
		NICKEL	TIN	7/9	DETAIL Y	91.44	18	6-796634-8
		NICKEL	TIN	7/9	DETAIL X	81.28	16	6-796634-7
	PRELIMINARY	NICKEL	TIN	7/9	DETAIL W	15.24	3	6-796634-6
	PRELIMINARY	NICKEL	TIN	8/9	DETAIL V	101.60	20	6-796634-5
		NICKEL	TIN	7	DETAIL U	15.24	3	6-796634-4
	PRELIMINARY	NICKEL	TIN	7	DETAIL T	15.24	3	6-796634-3
	PRELIMINARY	NICKEL	TIN	7	DETAIL S	10.16	2	6-796634-2
		.000008 GOLD OVER NICKEL	.000008 GOLD OVER NICKEL	-	-	10.16	2	5-796634-6
	PRELIMINARY	NICKEL	GOLD FLASH	-	-	25.40	5	5-796634-5
	PRELIMINARY	NICKEL	GOLD FLASH	-	-	20.32	4	5-796634-4
	PRELIMINARY	NICKEL	GOLD FLASH	-	-	10.16	2	5-796634-2
	PRELIMINARY	NICKEL	TIN	8	DETAIL P3	45.72	9	5-796634-1
	PRELIMINARY	NICKEL	TIN	8	DETAIL P2	45.72	9	5-796634-0
		NICKEL	TIN	7/9	DETAIL A-A	45.72	9	4-796634-9
	PRELIMINARY	NICKEL	TIN	8	DETAIL PI	20.32	4	4-796634-5
	PRELIMINARY	NICKEL	TIN	7	DETAIL R	71.12	14	4-796634-4
		NICKEL	TIN	8/9	DETAIL P	55.88	11	4-796634-2
		NICKEL	TIN	7/9	DETAIL P	55.88	11	4-796634-1
		NICKEL	TIN	8	DETAIL N	35.56	7	4-796634-0
		NICKEL	TIN	7/9	DETAIL M	81.28	16	3-796634-9
		NICKEL	TIN	8/9	DETAIL K	81.28	16	3-796634-8
		NICKEL	TIN	7/9	DETAIL J	121.92	24	3-796634-7
		NICKEL	TIN	8/9	DETAIL H	121.92	24	3-796634-6
		NICKEL	TIN	7/9	DETAIL G	121.92	24	3-796634-5
		NICKEL	TIN	8/9	DETAIL F	121.92	24	3-796634-4
		NICKEL	TIN	7/9	DETAIL E	50.80	10	2-796634-8
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		NICKEL	TIN	-	-	116.84	23	2-796634-3
		NICKEL	TIN	-	-	111.76	22	2-796634-2
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		NICKEL	TIN	-	-	101.60	20	2-796634-0
		NICKEL	TIN	-	-	96.52	19	1-796634-9
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		NICKEL	TIN	-	-	86.36	17	1-796634-7
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		NICKEL	TIN	-	-	76.20	15	1-796634-5
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		NICKEL	TIN	-	-	66.04	13	1-796634-3
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		NICKEL	TIN	-	-	40.64	8	796634-8
		NICKEL	TIN	-	-	35.56	7	796634-7
		NICKEL	TIN	-	-	30.48	6	796634-6
		NICKEL	TIN	-	-	25.40	5	796634-5
		NICKEL	TIN	-	-	20.32	4	796634-4
		NICKEL	TIN	-	-	15.24	3	796634-3
		NICKEL	TIN	-	-	10.16	2	796634-2
		CLAMP PLATING	CONTACT PLATING	MARKING	SPECIAL	L	NO OF POSN	PART NUMBER

THIS DRAWING IS A CONTROLLED DOCUMENT. DWG: S.WELDON 18OCT2000
 CHK: D.BIEVENOUR 18OCT2000
 APVD: D.BIEVENOUR 18OCT2000

DIMENSIONS: mm
 TOLERANCES UNLESS OTHERWISE SPECIFIED:
 0 PLC ±.3
 1 PLC ±0.25
 2 PLC ±.2
 3 PLC ±.15
 4 PLC ±.1
 ANGLES ±.2
 FINISH #2

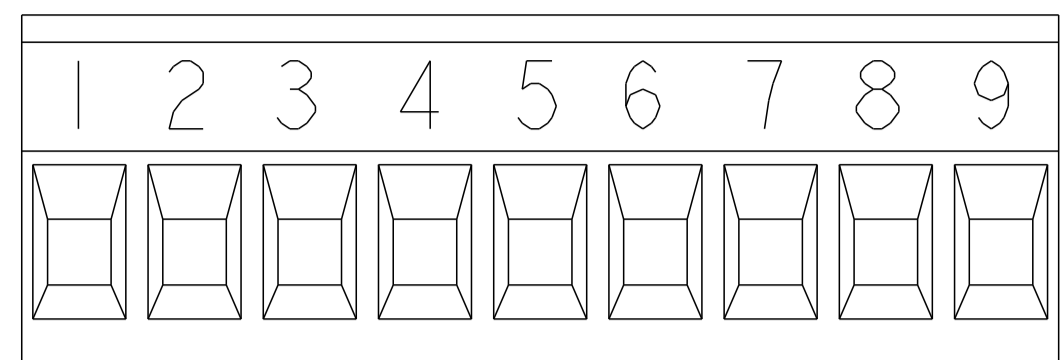
MATERIAL: 1
 FINISH: 1

APPLICATOR: S.WELDON
 NAME: D.BIEVENOUR
 PRODUCT SPEC: -
 APPLICATION SPEC: -
 WEIGHT: -
 CUSTOMER DRAWING

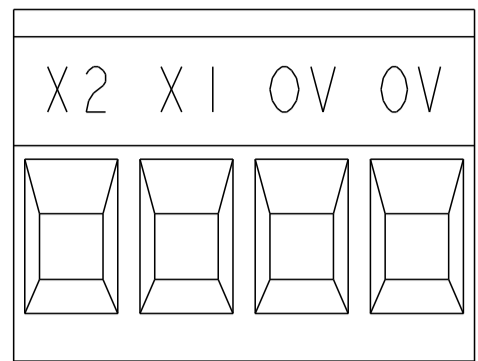
TE Connectivity
 TERMINAL BLOCK, PLUG, STACKING, 5.08mm PITCH

SIZE: A1
 CAGE CODE: 100779
 DRAWING NO: 796634
 SHEET 1 OF 3
 REV: R9

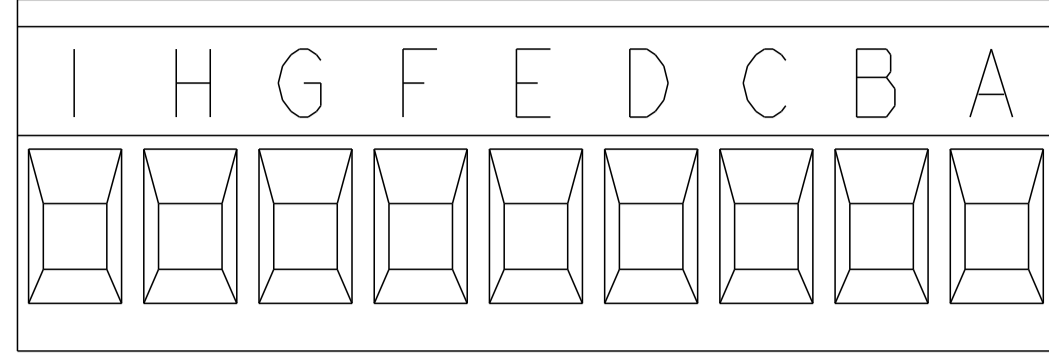
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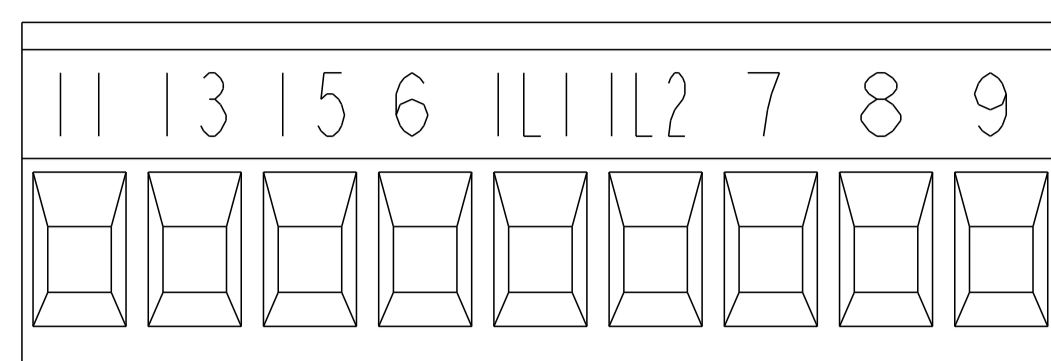
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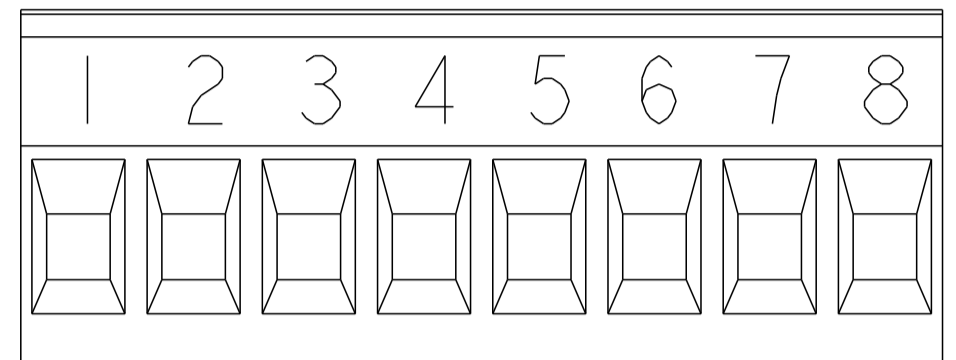
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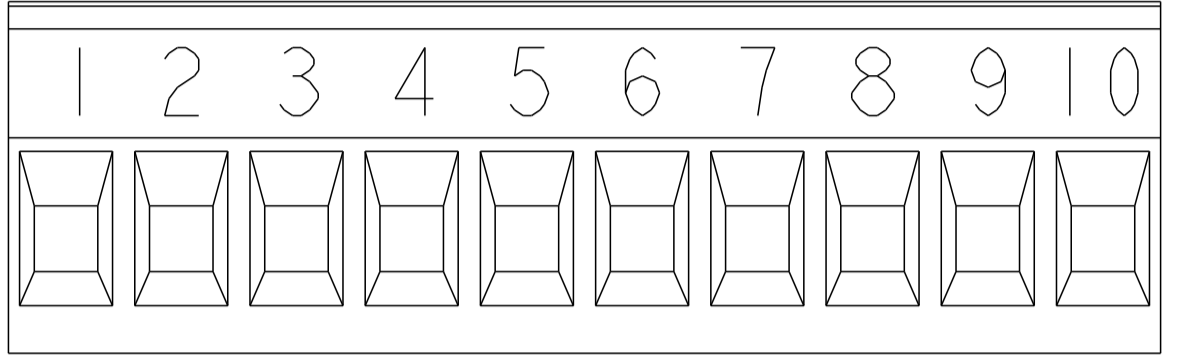
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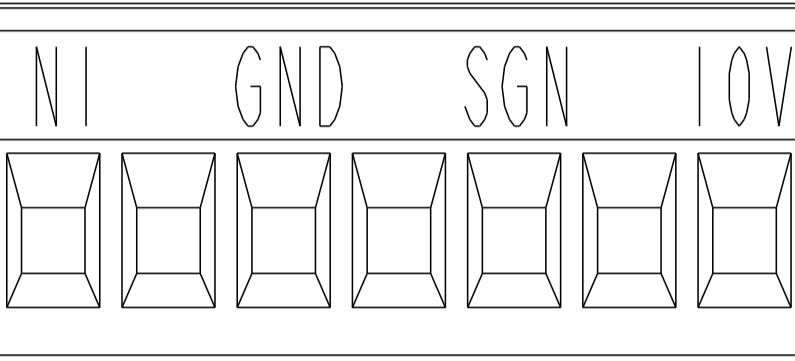
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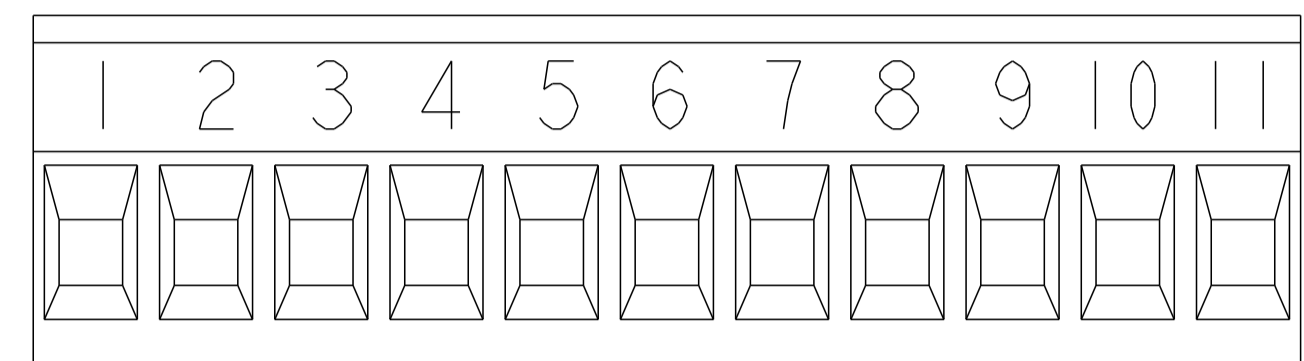
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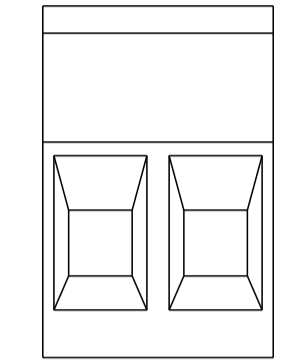
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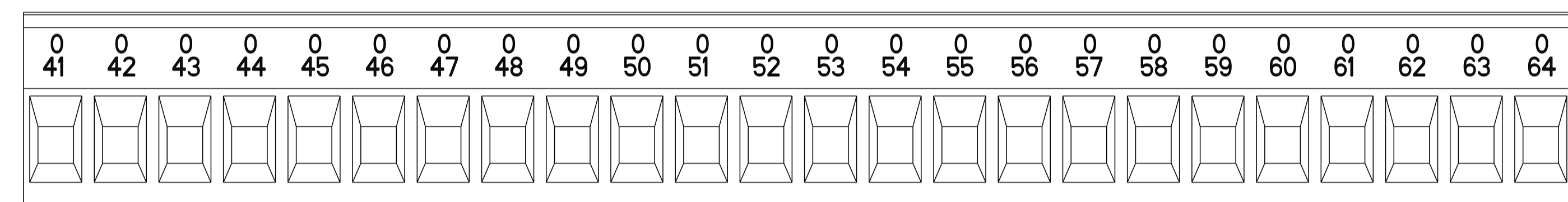
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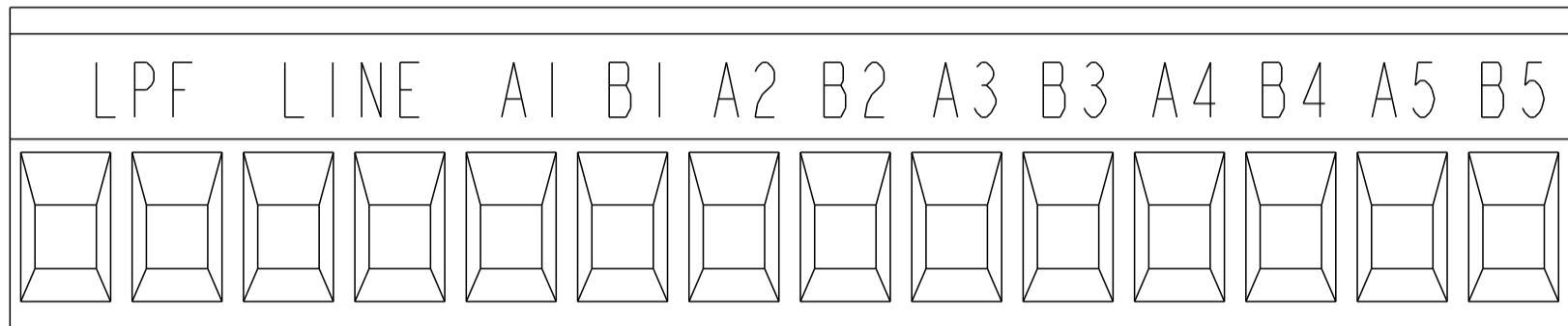
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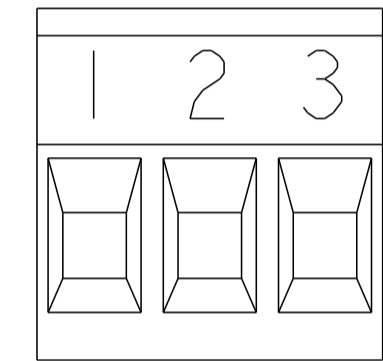
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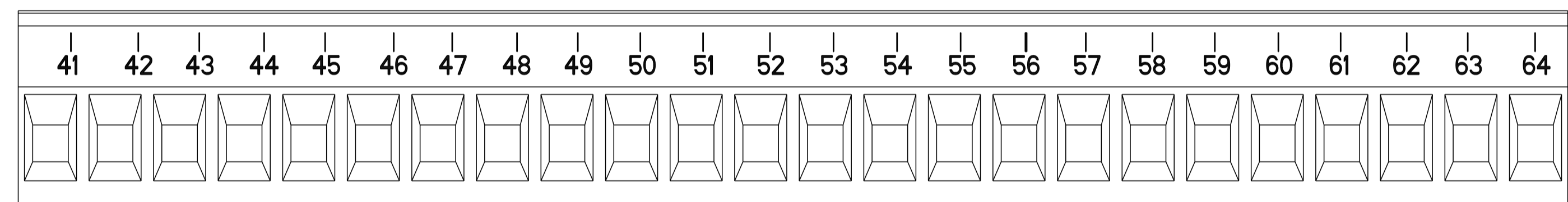
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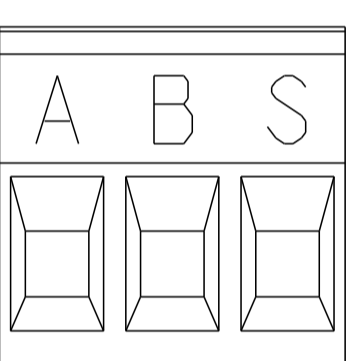
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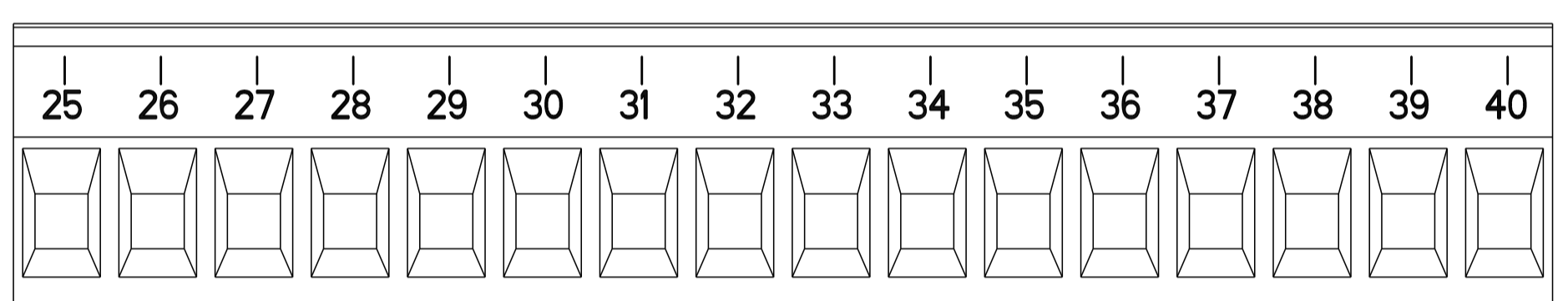
DETAIL T



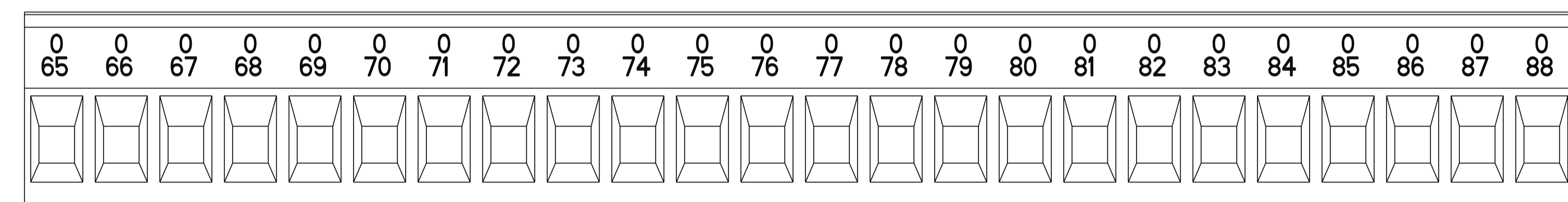
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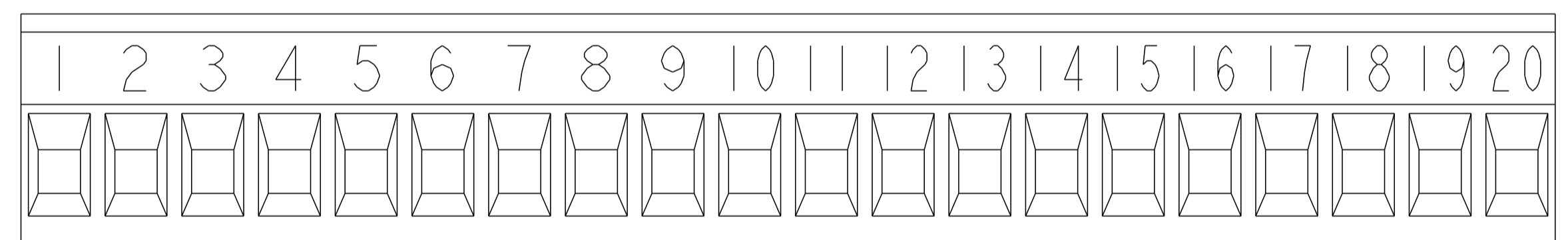
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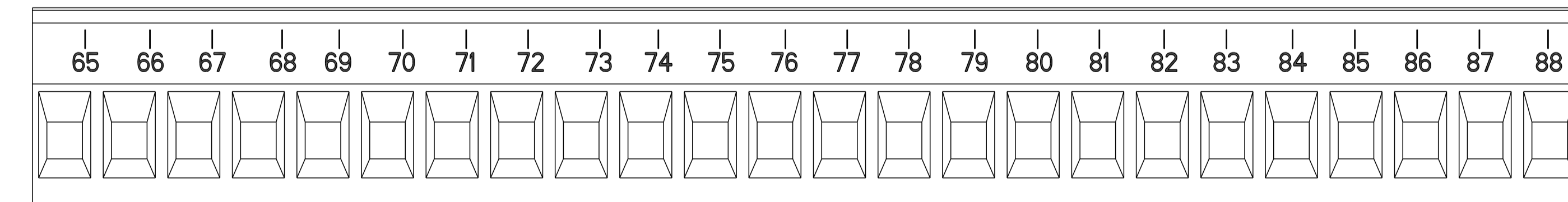
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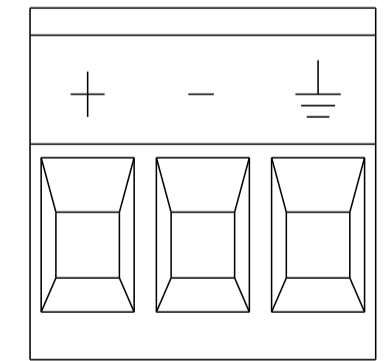
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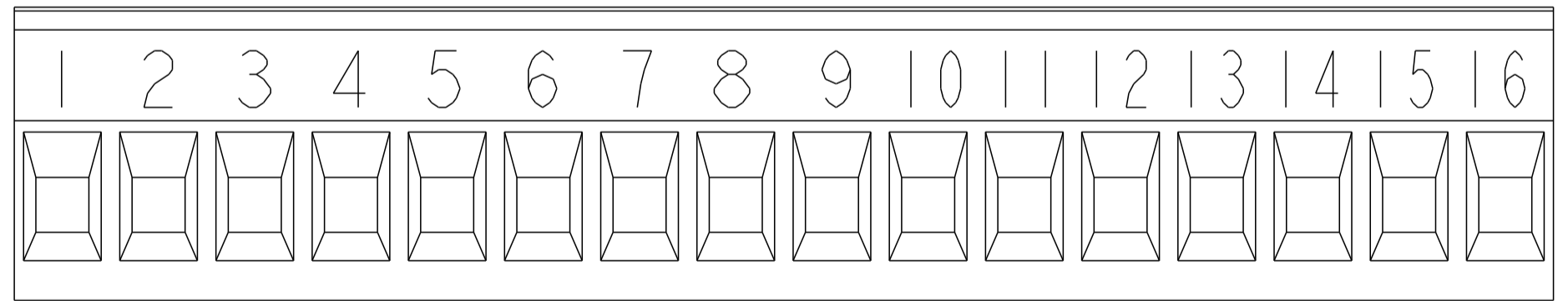
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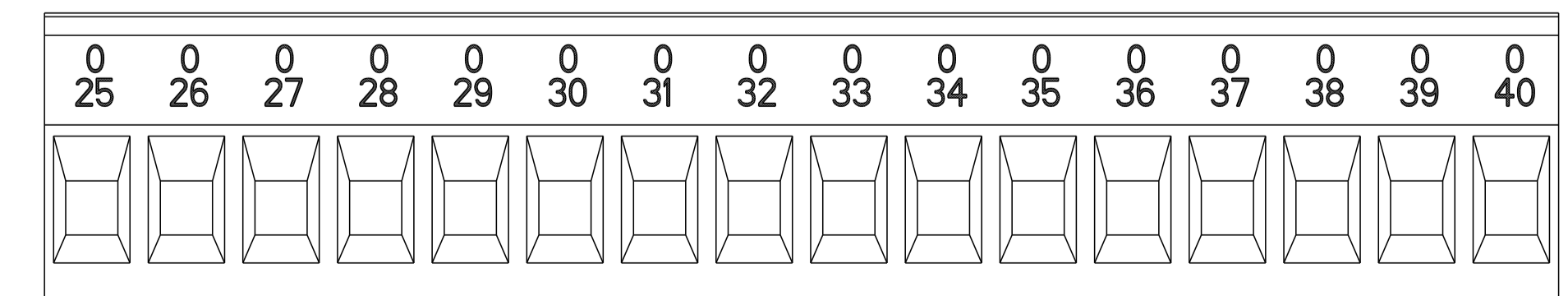
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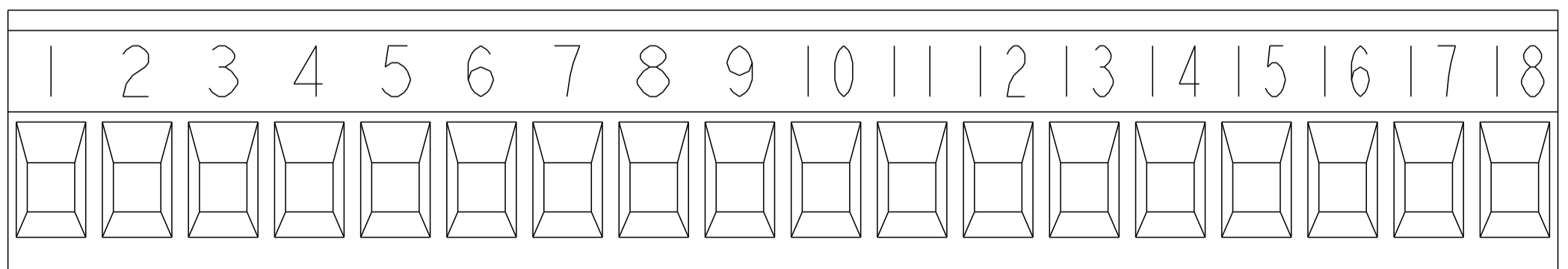
DETAIL X



DETAIL Y



DETAIL K



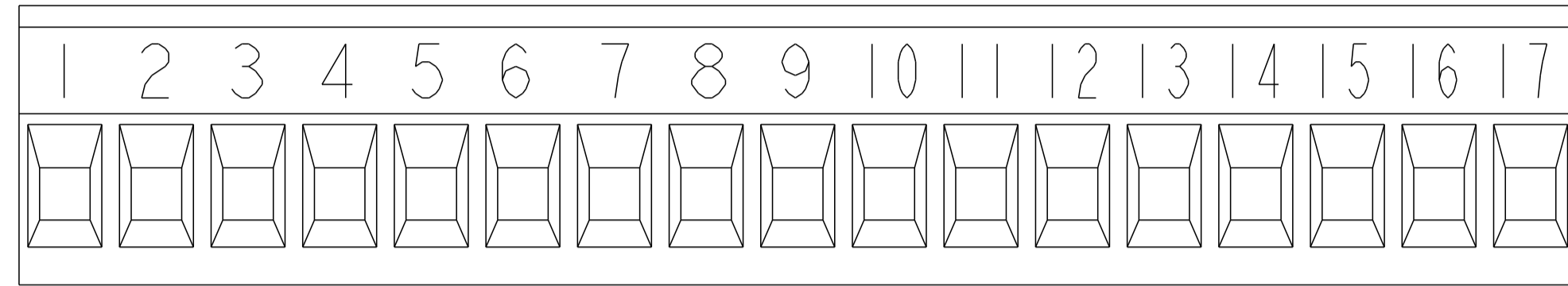
DETAIL Z

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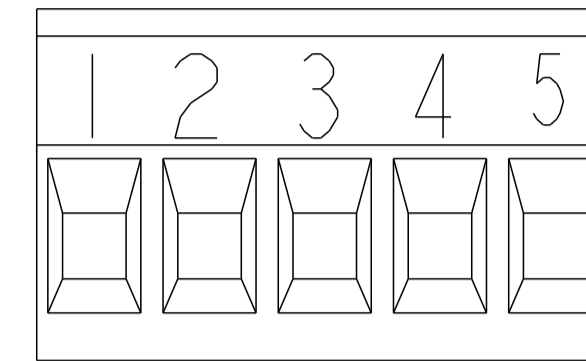
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mm	0 PLC ±0.3	CHK: D. BIEVENOUR 18OCT2000	
	1 PLC ±0.25	APVD: D. BIEVENOUR 18OCT2000	
	2 PLC ±0.25	PRODUCT SPEC:	
MATERIAL:	ANGLES ±#2	APPLICATION SPEC:	RESTRICTED TO:
	FINISH:	WEIGHT:	
		CUSTOMER DRAWING	

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LOC		DIST		REVISIONS			
FT	0	P	LTN	DESCRIPTION	DATE	DWN	APVD
-	-	-	-	SEE SHEET 1	-	-	-



DETAIL AB



DETAIL AC

PRELIMINARY	NICKEL CLAMP PLATING	TIN CONTACT PLATING	∇ ∇ MARKING	DETAIL AC SPECIAL	25.40 L	5 NO OF POSN	8-796634-5 PART NUMBER
THIS DRAWING IS A CONTROLLED DOCUMENT.			DWN S. WELDON 18OCT2000 CHK D. BIEVENOUR 18OCT2000 APVD D. BIEVENOUR 18OCT2000	TE Connectivity NAME: TERMINAL BLOCK, PLUG, STACKING, 5.08mm PITCH SIZE: A100779 C=796634 SCALE: 4:1 SHEET 3 OF 3 REV R9			
DIMENSIONS: mm		TOLERANCES UNLESS OTHERWISE SPECIFIED:		PRODUCT SPEC			
		0 PLC ± 1 PLC ±0.3 2 PLC ±0.25 3 PLC ± 4 PLC ± ANGLES ±2 FINISH -		APPLICATION SPEC			
MATERIAL -		FINISH -		WEIGHT - CUSTOMER DRAWING			