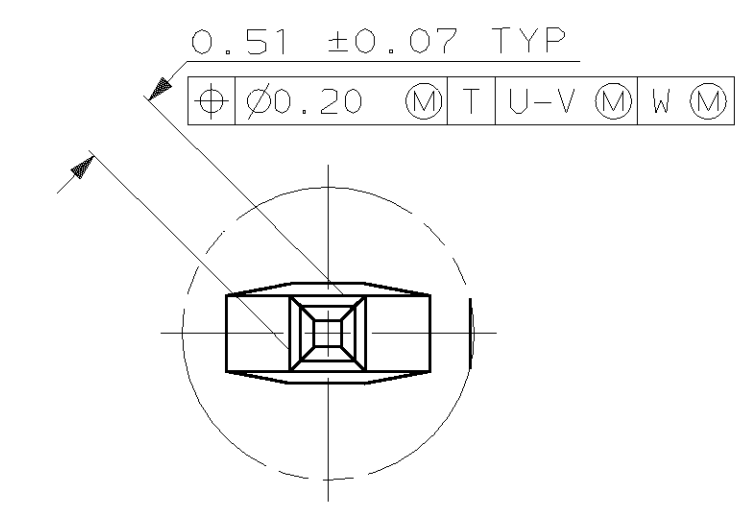
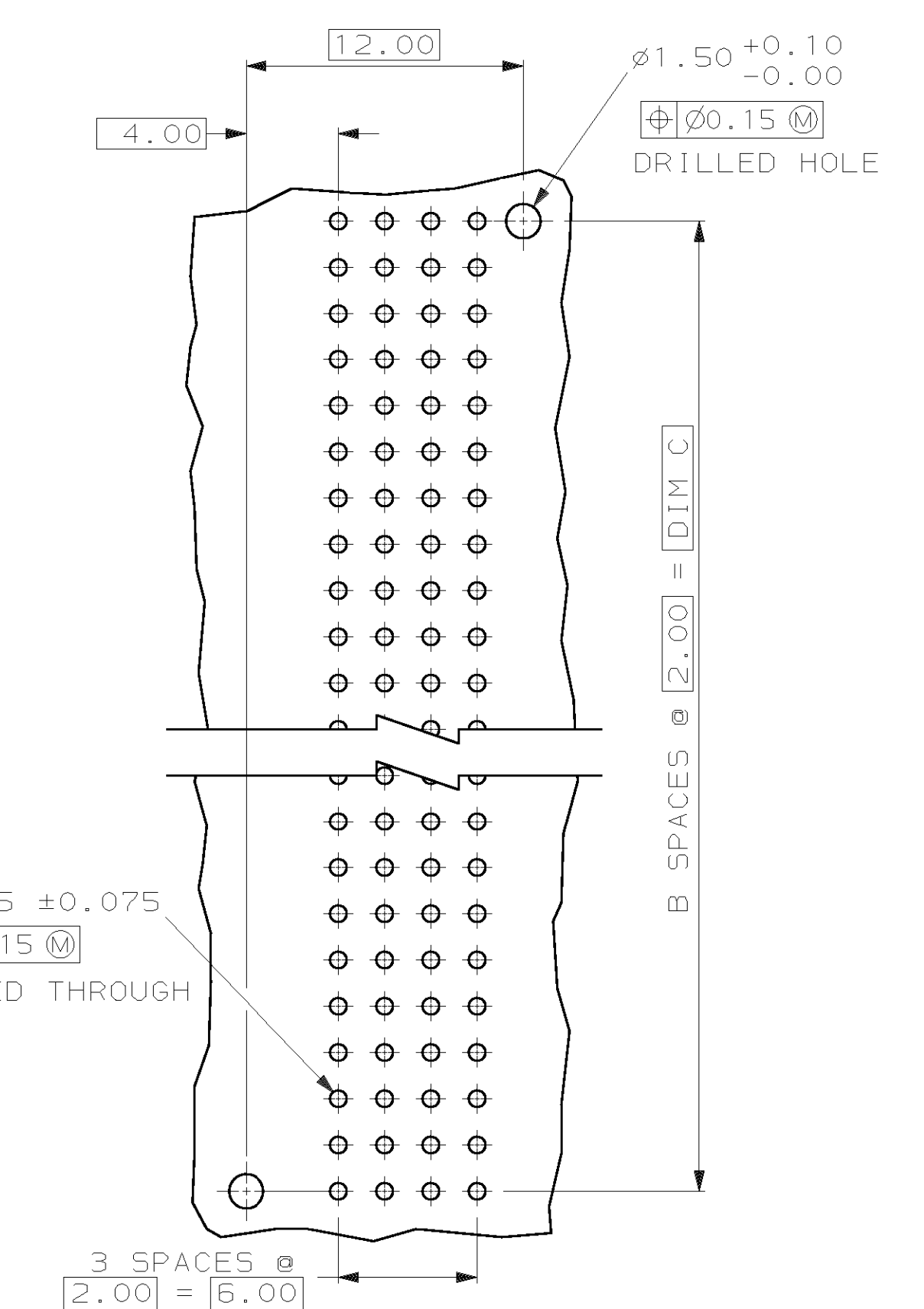
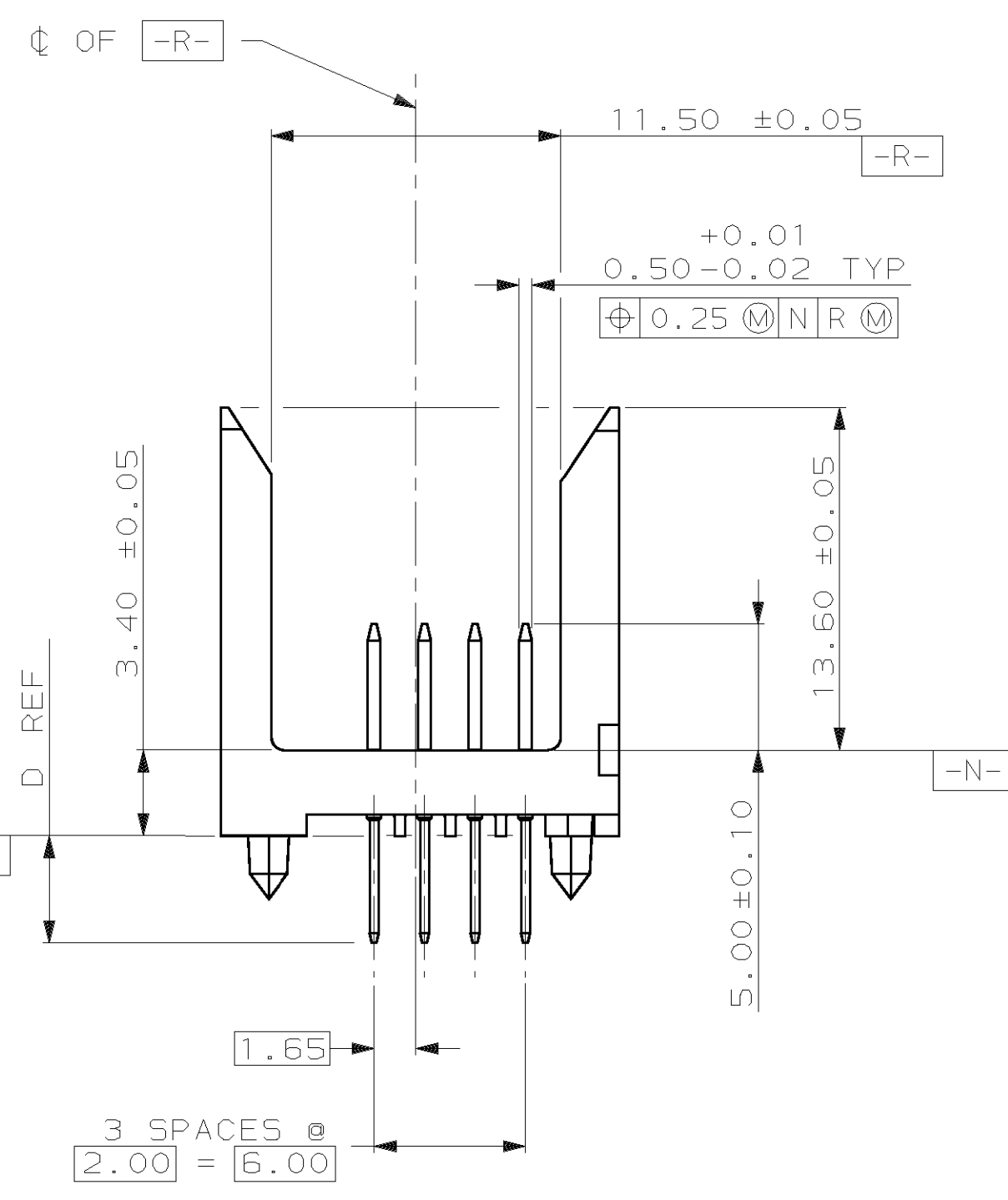
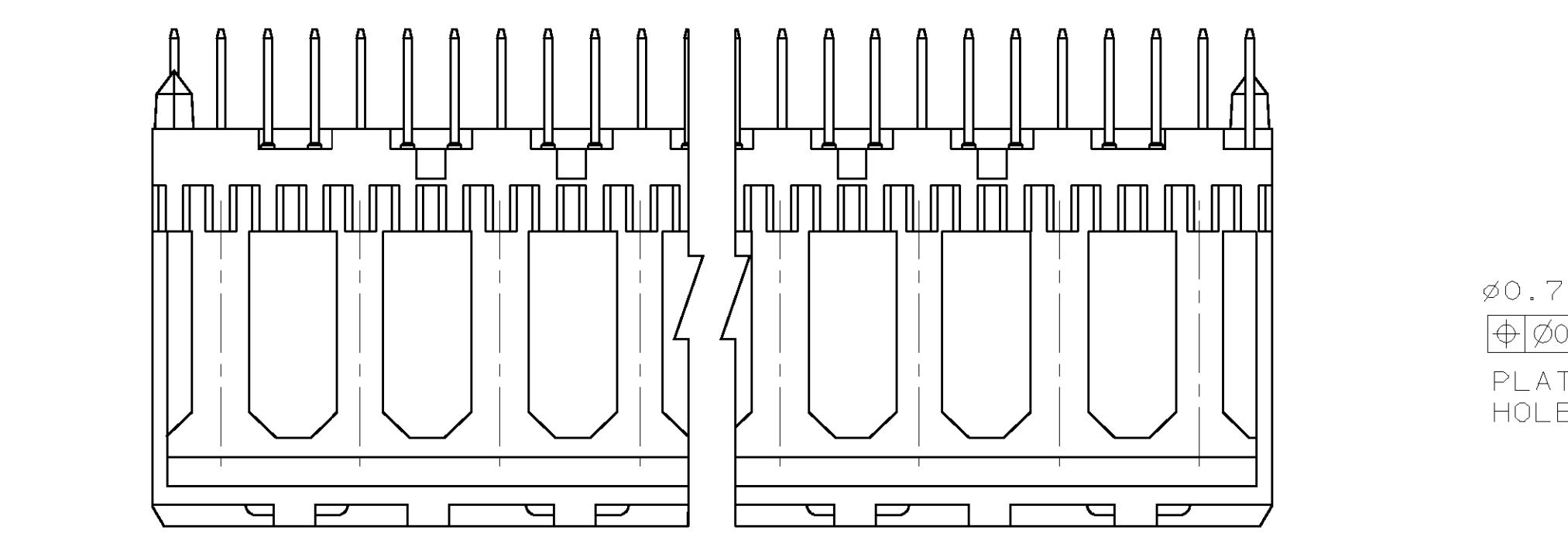
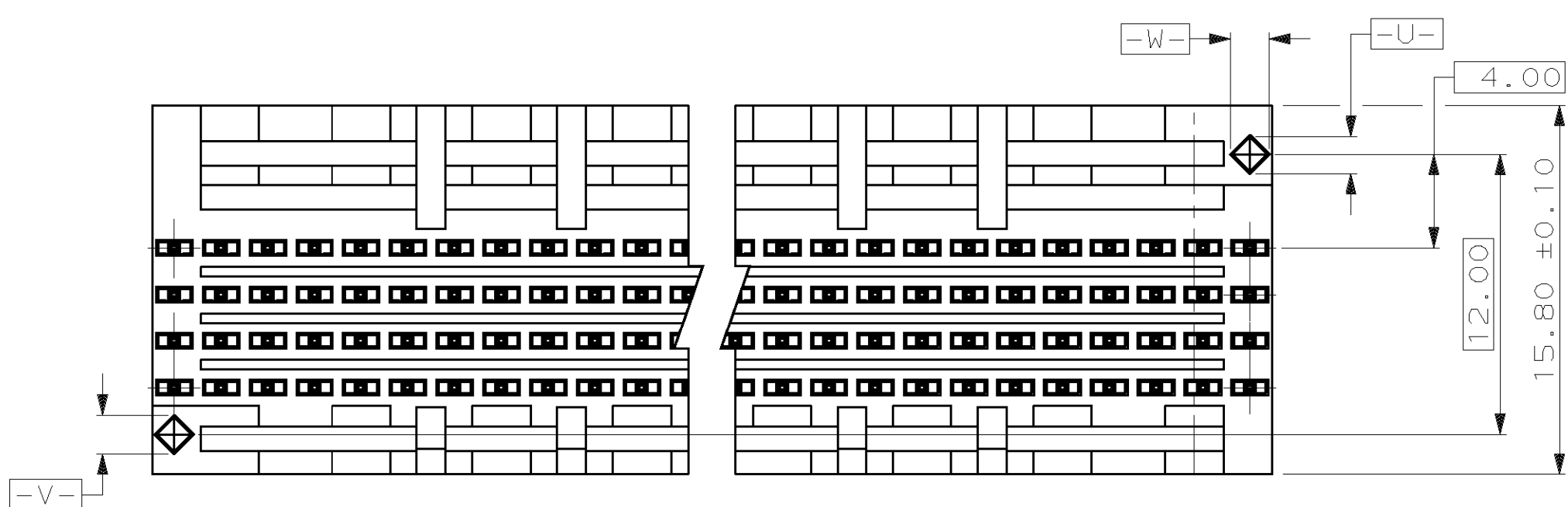
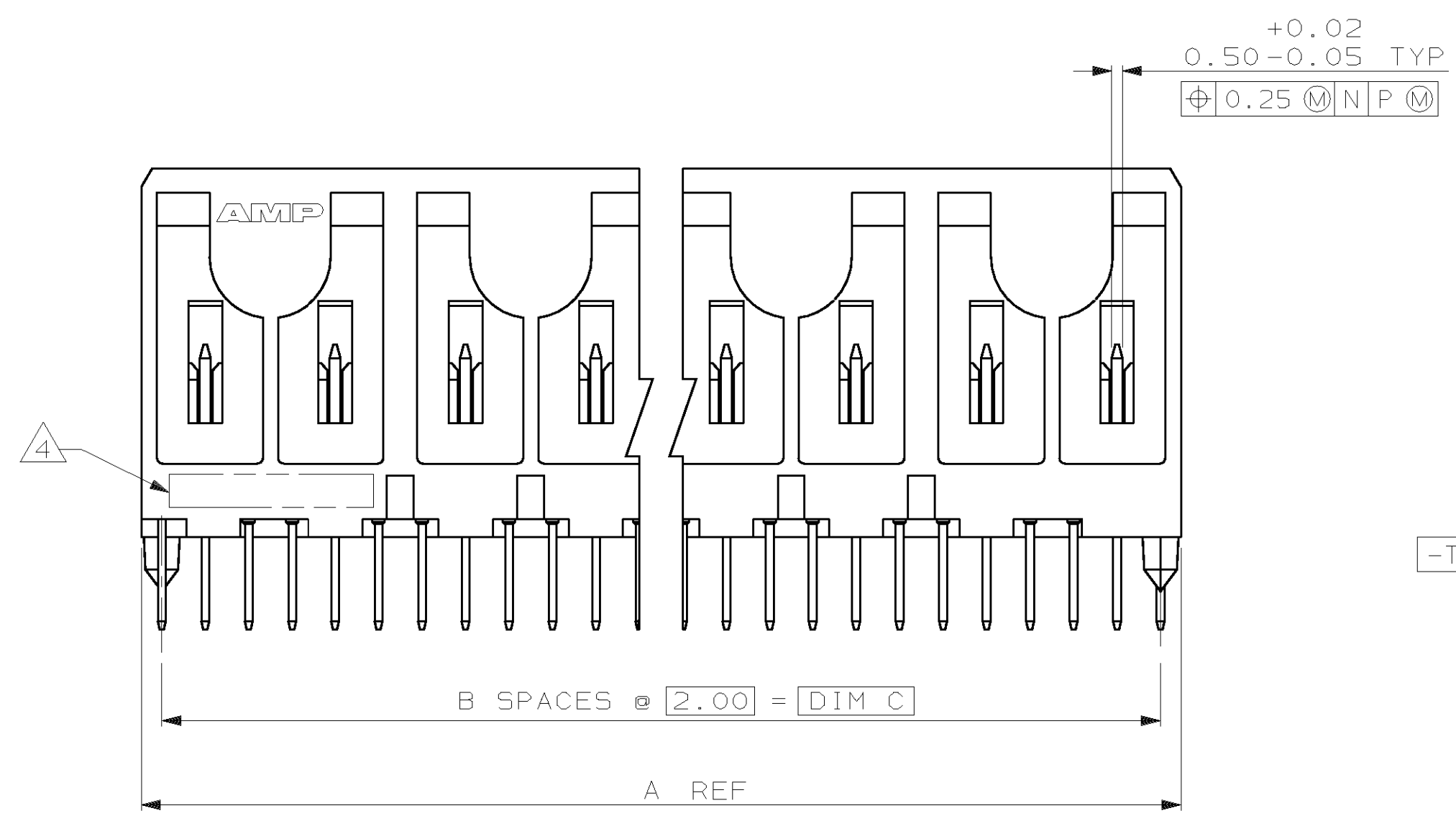
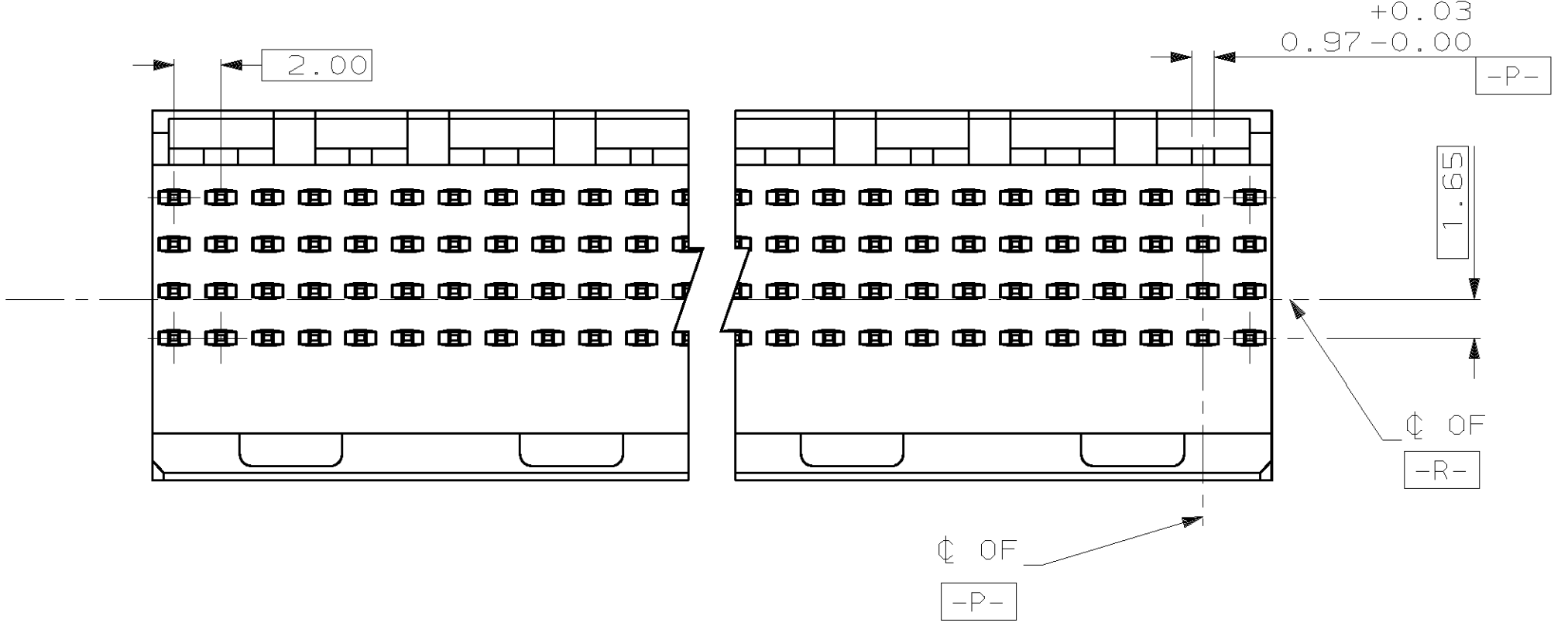


LOC		DIST		P		ZONE		LTR		REVISIONS		DATE	APPD
AD	47									L	REVISE PER ECN OUIB-0172-00	03NOV00	SU/DK



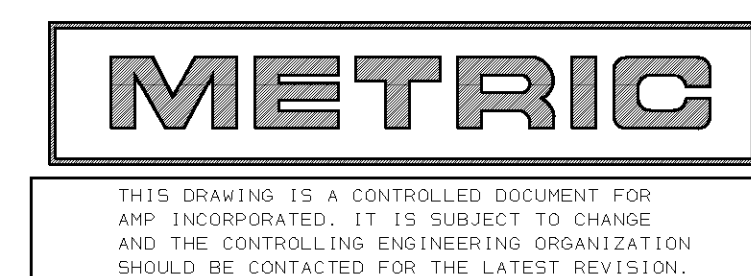
DETAIL Z
SCALE 20:1

RECOMMENDED CIRCUIT PATTERN
 PER IPC-D300 TYPE II, CLASS C
 (COMPONENT SIDE)

- △ HOUSING MATERIAL: LIQUID CRYSTAL POLYMER PER ASTM D5138 LCP000 G30A 32250.
- △ CONTACT MATERIAL: PHOSPHOR BRONZE.
- △ CONTACT FINISH:
 UNDERPLATE (ENTIRE CONTACT)-
 0.0013 MIN. NICKEL
 ON MATING SURFACES-
 FLASH GOLD PER AMP INCORPORATED SPECIFICATION, OVER
 0.0008 MIN. PALLADIUM-NICKEL PER AMP INCORPORATED SPECIFICATION, OVER
 UNDERPLATE.
 ON LEADS-
 0.004 MIN. TIN-LEAD, OVER
 UNDERPLATE.
 SURFACE CONDITIONER PER AMP SPECIFICATION 112-1002(ENTIRE CONTACT AFTER PLATING).
- △ PART MARKING PER AMP INCORPORATED SPECIFICATION 115-9009, LOCATED APPROXIMATELY AS SHOWN.
- △ CONTACT FINISH:
 UNDERPLATE (ENTIRE CONTACT):
 0.0013 MIN NICKEL.
 ON MATING SURFACES:
 SURFACE CONDITIONER OVER, 0.0008 NICKEL OR COBALT
 HARDENED GOLD PER AMP SPECIFICATION, OVER UNDERPLATE.
 ON LEADS:
 SURFACE CONDITIONER OVER, 0.004 MIN TIN-LEAD,
 OVER UNDERPLATE.

D	C	B	A	FINISH	NO OF POSN	PART NUMBER
4.25	72.00	35	71.88	△	144	536513-5
4.25	94.00	47	95.88	△	192	536513-4
4.25	46.00	23	47.88	△	96	536513-3
4.25	22.00	11	23.88	△	48	536513-2
4.25	10.00	5	11.88	△	24	536513-1

PART NO		AMP		AMP Incorporated		Harrisburg, PA 17105-3608	
DR 04/01/93	D.R.BENDER	CHK 04/05/93	S.HEADER	NAME	PIN ASSEMBLY, SIGNAL MODULE, Z-PACK 2mm FB		
APPD 04/02/93	D.BAECHTLE	APPD 04/02/93	G.PREPUTNICK	SIZE	CAGE CODE	DRAWING NO	
MATERIAL		PRODUCT SPEC		D	00779	C-536513	
FINISH		APPLICATION SPEC		SCALE	4:1	SHEET	1 OF 1
DO NOT SCALE PRINT. UNLESS SPECIFIED DIMENSIONS IN MILLIMETERS TOLERANCES ON: 2 PLC DEC ± 0.13 3 PLC DEC ± - ANGLES ± -		WEIGHT		CUSTOMER DRAWING			



Current Brand View

AMP

[View All Tyco Electronics Brands](#)

Click to activate links to all other products

High Speed Connectors

2mm Centerline Futurebus+ Connectors (Z-PACK 2mm FB)

AMP

536513-1 -- 1 of 3 products

Active

[Active](#)

(Tyco Electronics P/N: 536513-1)

Next	Sales Information	AMP ACES	Step Search Screen
		Related Documents	General Information
		Pricing	Product Availability

Please use the customer drawing for all design activity.

- Customer Drawing: 536513, Rev. L

Document Title: PIN ASSEMBLY, SIGNAL MODULE, Z-PACK
2mm FB 2mm CL, 4 ROW, 5.00mm MATING LENGTH SOLDER
LEAD

[213492.pdf](#) [213492.pdf](#) (111K)

The photographs and/or line drawings below are representative images of a product for viewing purposes only.

[Product Photo](#)

Searchable Features:

Brand:	AMP
No. of Signal Positions:	24
Module Type:	Signal
Product Type:	Fixed-Board (Header)
Gender:	Pin
Mating Post Length (mm [in]):	5.00 [.197]
PCB Mount Angle:	Vertical
No. of Rows:	4
Post Type:	Solder Post

Other Properties:

Centerline Spacing (mm [in]):	2.00 x 2.00 [.079 x .079]
Pin Header Width (mm [in]):	16.00 [.622]
Contact Material:	Phosphor Bronze
Post Plating:	Tin Lead over Nickel
Contact Mating Area Plating:	Gold (30)
Housing Material:	Liquid Crystal Polymer (LCP)

- [Home](#)
- [Part Number Search](#)
- [Text Search](#)
- [Alternate Part Search](#)
- [Multiple Part Comparison](#)
- [Alphabetical Search](#)
- [Brand Search](#)
- [Industry Product Search](#)
- [Product Type Search](#)
- [Product Family Search](#)
- [Competitor Cross Reference](#)
- [Document Number Search](#)
- [Lead Free Solutions](#)
- [Help/Glossary](#)

Termination Post Length (mm [in]):	4.25 [.167]
Shunted:	No

Comment:	Sequencing of the mating posts and lead lengths is available. Worksheets for this procedure may be found under Z-PACK 2mm FB General Information.
-----------------	---

[Copyright](#) and [Privacy Statement](#)

Visit [Tyco International, Ltd.](#)

[Products](#) | [eCatalog](#) | [Brands](#) | [Industries](#) | [eCommerce](#) | [Customer Service](#) | [About](#) | [Home](#)