| LOC	DIST	REVISIONS			
CM	00				
		P	LTR	DESCRIPTION	DATE	DWN	APVD
			01	REVISED PER ECO-05-009878	11OCT05	KW	DC

MATERIAL: HOUSING – NYLON, UL94V-0 (COLOR – WHITE, COLOR OF PARTS MAY VARY).
⚠1 CONTACTS – 0.25 THK COPPER ALOY.

⚠2 CONTACT FINISH: 0.003 MIN THK TIN OVER 0.00127 MIN THK NICKEL OVER ENTIRE CONTACT.

3. SOLDER TAIL MEETS AMP SOLDERABILITY SPECIFICATION 109-11-2.

4. MATES WITH SIMILARLY PLATED AMP-DUAC™ POWER CONNECTOR RECEPTACLE HOUSINGS/SOCKET
    CONTACTS.

⚠5 RIBS ON FOUR CORNERS OPTIONAL.

⚠6 AMP LOGO AND MATERIAL ID MAY BE LOCATED ON EITHER LONG SIDE OF PART.

⚠7 SIZE, SHAPE OR STYLE OF THIS FEATURE MAY VARY.

A REF
3.5±0.3
2.9
▼PA66/6▲
24
13
POSITION NUMBER
4 PLACES
D REF

4.2 TYP REF
4.2 REF
POSITION #1 IDENTIFICATION FEATURE
A REF
B

10.0   5.5 REF   9.5
12.8

C REF
A REF
4.70±0.08 2 PLACES
ø 3.00±0.05 2 PLACES
0.46±0.08
5.5±0.1
POSITION #1
ø 1.40±0.05 24 PLC
4.2±0.1 TYP NON-CUMULATIVE
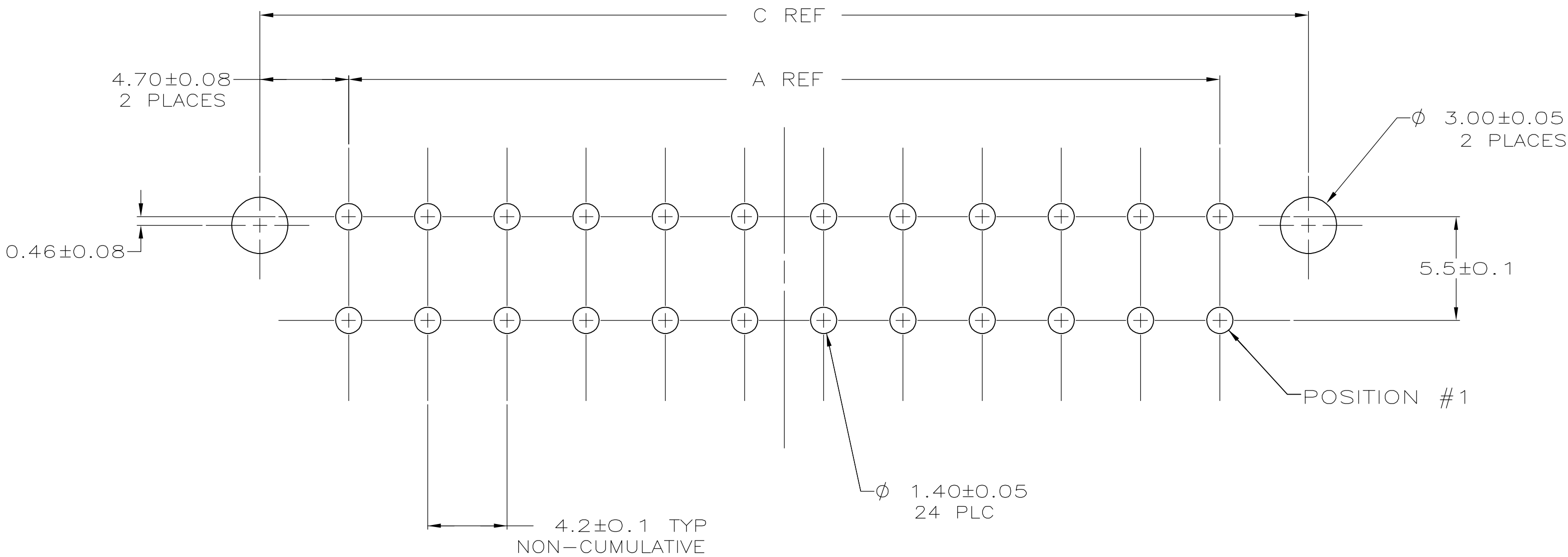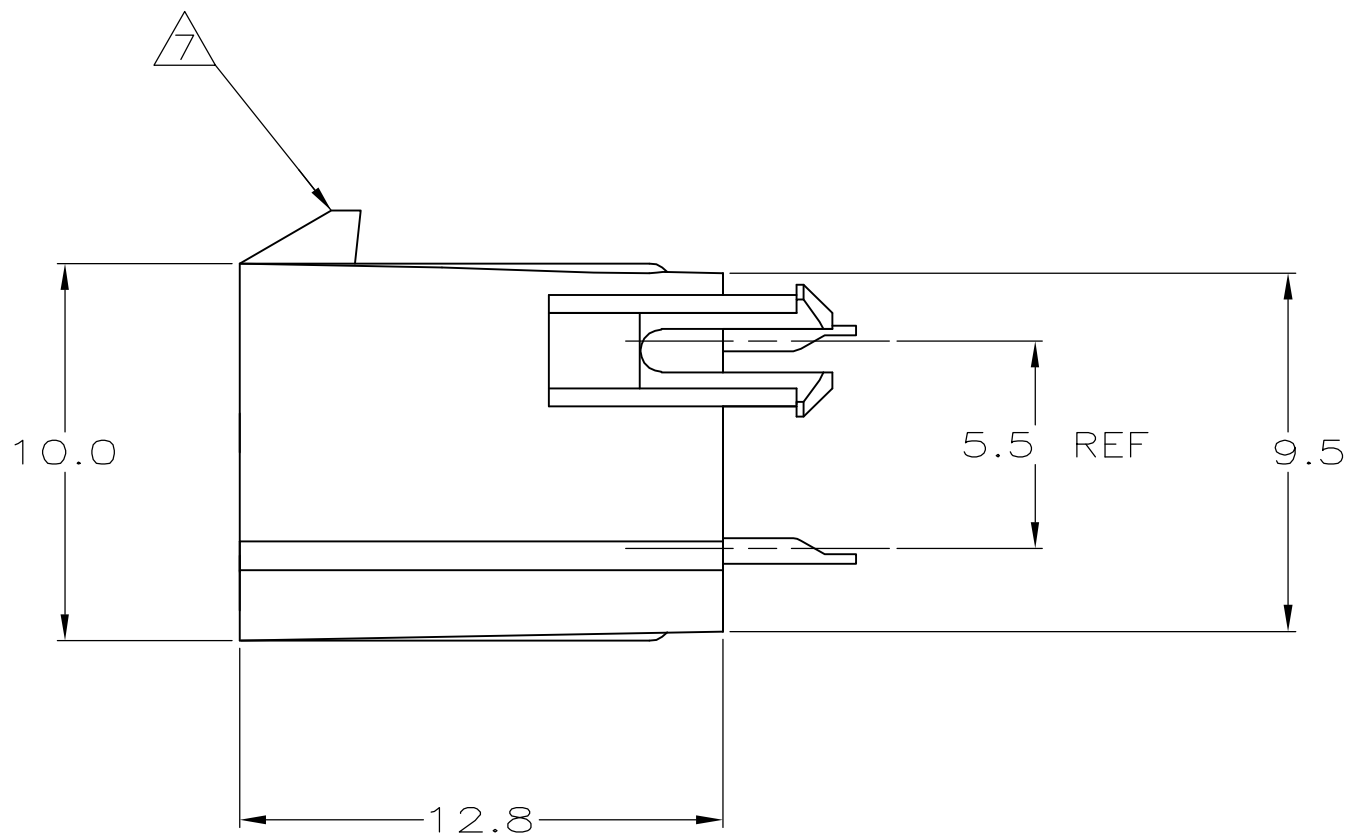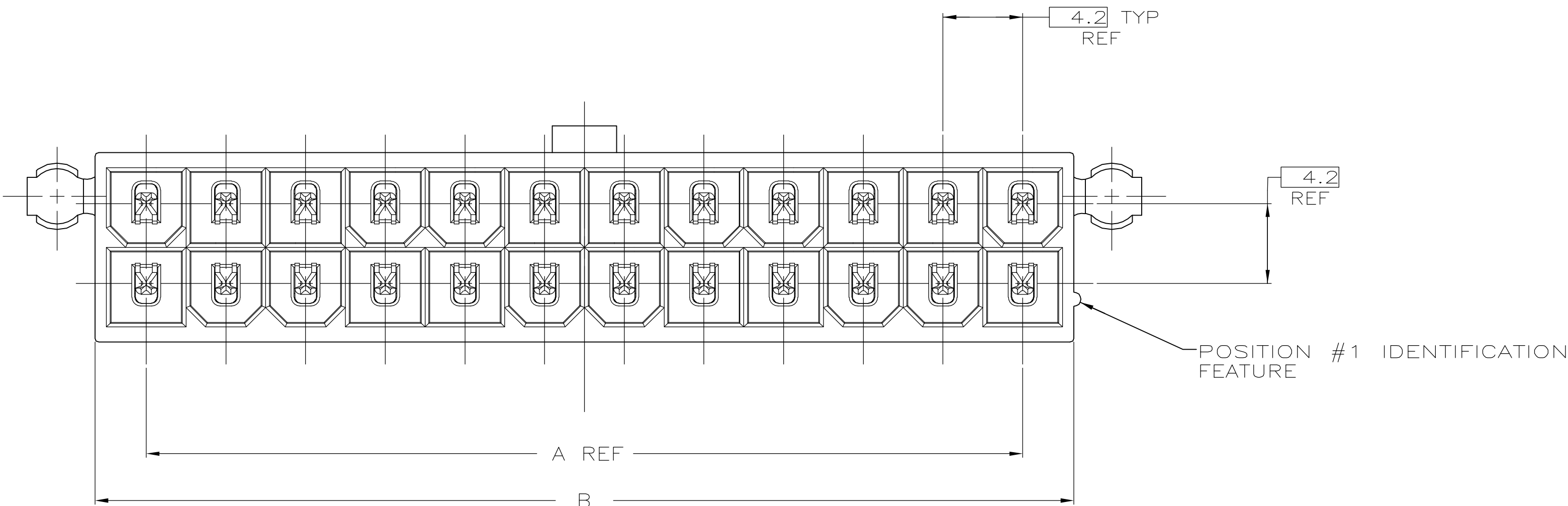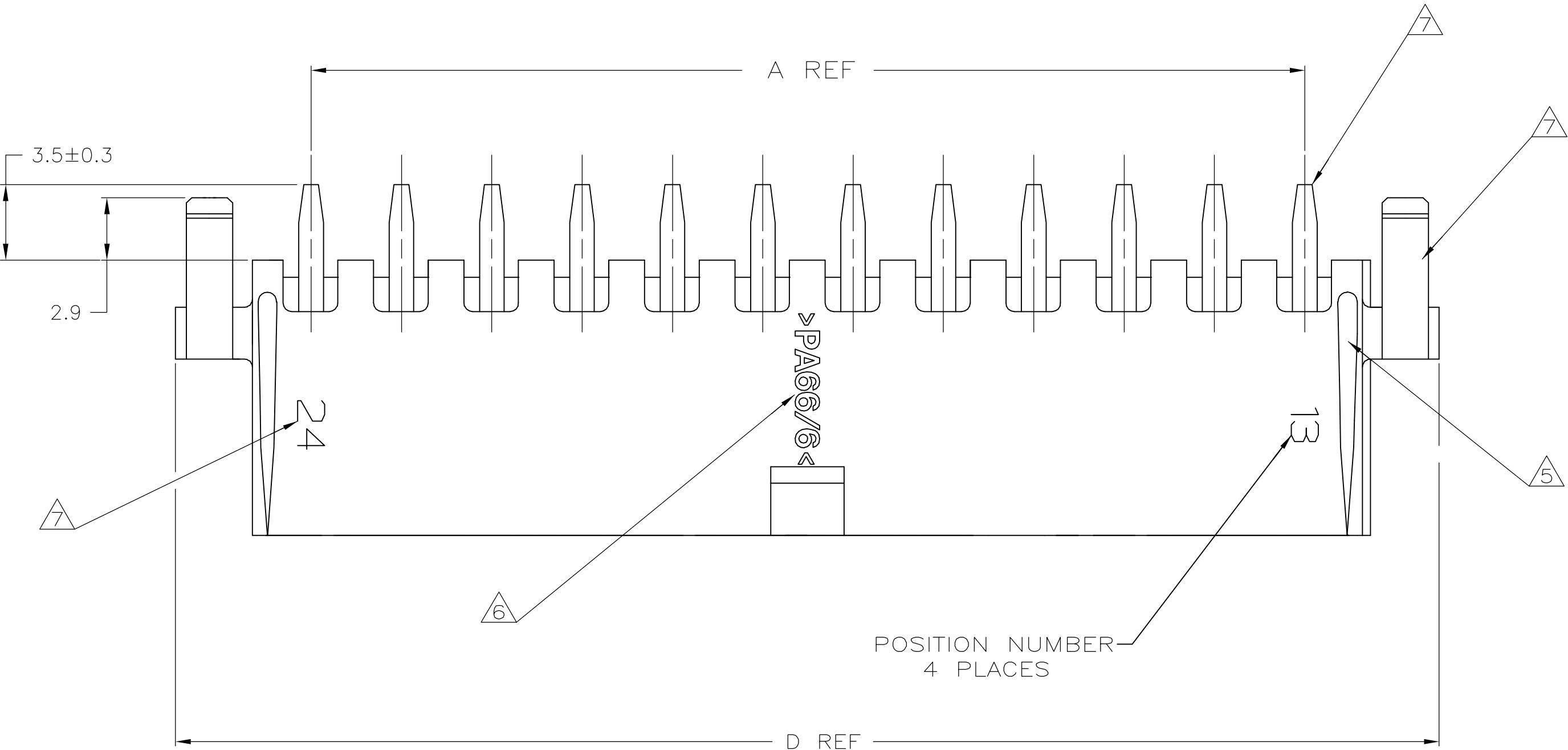
RECOMMENDED MOUNTING HOLE PATTERN
FOR 1.78 MAX THICK P.C. BOARD
COMPONENT SIDE SHOWN

D	C	B	A	NO. OF POSITIONS	PART NO
58.8	55.6	51.6	46.2	24	2-1586493-4
54.6	51.4	47.4	42.0	22	2-1586493-2
50.4	47.2	43.2	37.8	20	2-1586493-0
46.2	43.0	39.0	33.6	18	1-1586493-8
42.0	38.8	34.8	29.4	16	1-1586493-6
37.8	34.6	30.6	25.2	14	1-1586493-4
33.6	30.4	26.4	21.0	12	1-1586493-2
29.4	26.2	22.2	16.8	10	1-1586493-0
25.2	22.0	18.0	12.6	8	1586493-8
21.0	17.8	13.8	8.4	6	1586493-6
16.8	13.6	9.6	4.2	4	1586493-4
12.6	9.4	5.4	0.0	2	1586493-2

THIS DRAWING IS A CONTROLLED DOCUMENT.

DWN	K. WHITAKER	20JUNE2005
CHK	D. COLEY	20JUNE2005
APVD	D. COLEY	20JUNE2005

tyco Electronics
Tyco Electronics Corporation
Harrisburg, PA 17105-3608

DIMENSIONS: mm
TOLERANCES UNLESS OTHERWISE SPECIFIED:
0 PLC ± –
1 PLC ± 0.2
2 PLC ± 0.13
3 PLC ± –
4 PLC ± –
ANGLES ± 0.30°

PRODUCT SPEC
108-1699
APPLICATION SPEC
–

NAME
ASSEMBLY, HEADER, VERTICAL,
TIN PLATED, W/PEGS, W/O DRAIN HOLES,
94V-0,AMP-DUAC

MATERIAL ⚠   FINISH ⚠

WEIGHT –

| SIZE | CAGE CODE | DRAWING NO | | RESTRICTED TO |
| A1 | 00779 | C-1586493 | | – |

CUSTOMER DRAWING
SCALE 5:1   SHEET 1 OF 1   REV 01

METRIC

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

[TE Connectivity]():
  [1-1586493-0]()