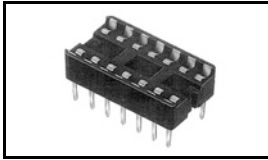


1825376-2 Product Details

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1825376-2

TE Internal Number:
1825376-2

 **Active**

DIP Sockets

 Always EU RoHS/ELV Compliant (Statement of Compliance)

Product Highlights:

- Socket Style = Standard
- Through Hole Contact Termination Type
- 2.54 mm Centerline
- Row-to-Row Spacing = 15.49 mm
- 28 Positions

[View all Features](#)

Quick Links

- ▶ [Pricing & Availability](#)
- ▶ [Search for Tooling](#)
- ▶ [Product Feature Selector](#)
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Documentation & Additional Information

Product Drawings:

- [DIP SOCKET ASSY, LADDER, DIPLOMATE, RET. LEAD .600 ...](#) (PDF, English)

Catalog Pages/Data Sheets:

- None Available

Product Specifications:

- None Available

Application Specifications:

- [DIPLOMATE Dual Leaf \(DL\) Low-Profile DIP Sockets](#) (PDF, English)

Instruction Sheets:

- None Available

CAD Files:

- None Available

[List all Documents](#)

Additional Information:

- [Product Line Information](#)

Related Products:

- [Tooling](#)

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

Product Type Features:

- Profile = Standard
- [Frame Style](#) = Ladder
- [Leg Style](#) = Retention
- Color = Black
- Qty. Tubes/Box = 100
- Product Series = Standard

Electrical Characteristics:

- Insulation Resistance (MΩ) = 10,000
- Contact Resistance (mΩ) = 30

Termination Features:

- [Contact Termination Type](#) = Through Hole
- [Termination Post Length \(mm \[in\]\)](#) = 3.05 [0.120]

Dimensions:

- [Height Above PC Board \(mm \[in\]\)](#) = 5.33 [0.210]

Body Features:

Housing Features:

- [Centerline \(mm \[in\]\)](#) = 2.54 [0.100]
- Housing Material = Thermoplastic - GF
- UL Flammability Rating = UL 94V-0

Configuration Features:

- [Number of Positions](#) = 28

Industry Standards:

- [RoHS/ELV Compliance](#) = RoHS compliant, ELV compliant
- [Lead Free Solder Processes](#) = Wave solder capable to 240°C, Wave solder capable to 260°C, Wave solder capable to 265°C
- RoHS/ELV Compliance History = Always was RoHS compliant

Conditions for Usage:

- Temperature Range (°C) = 125

- [Row-to-Row Spacing \(mm \[in\]\)](#) = 15.49 [0.610]
- [Mount Style](#) = Vertical

Contact Features:

- [Socket Style](#) = Standard
- [Contact Base Material](#) = Phosphor Bronze
- [Contact Plating, Mating Area, Material](#) = Gold (15)
- [Contact Style](#) = Stamped + Formed
- [Mating Contact Type](#) = Dual Leaf
- Solder Tail Contact Plating = Tin

Operation/Application:

- Application = Production

Packaging Features:

- [Packaging Method](#) = Tube
- Qty./Tube = 17

Other:

- Brand = TE Connectivity
- Proprietary Name = DIPLOMATE DL
- Comment = ONLY sockets with straight solder tails are recommended for automatic insertion.

Corporate Information

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[Investors](#)
[News Room](#)
[Supplier Portal](#)
[Careers](#)
[Terms & Conditions](#)
[Privacy Policy](#)

Quick Links

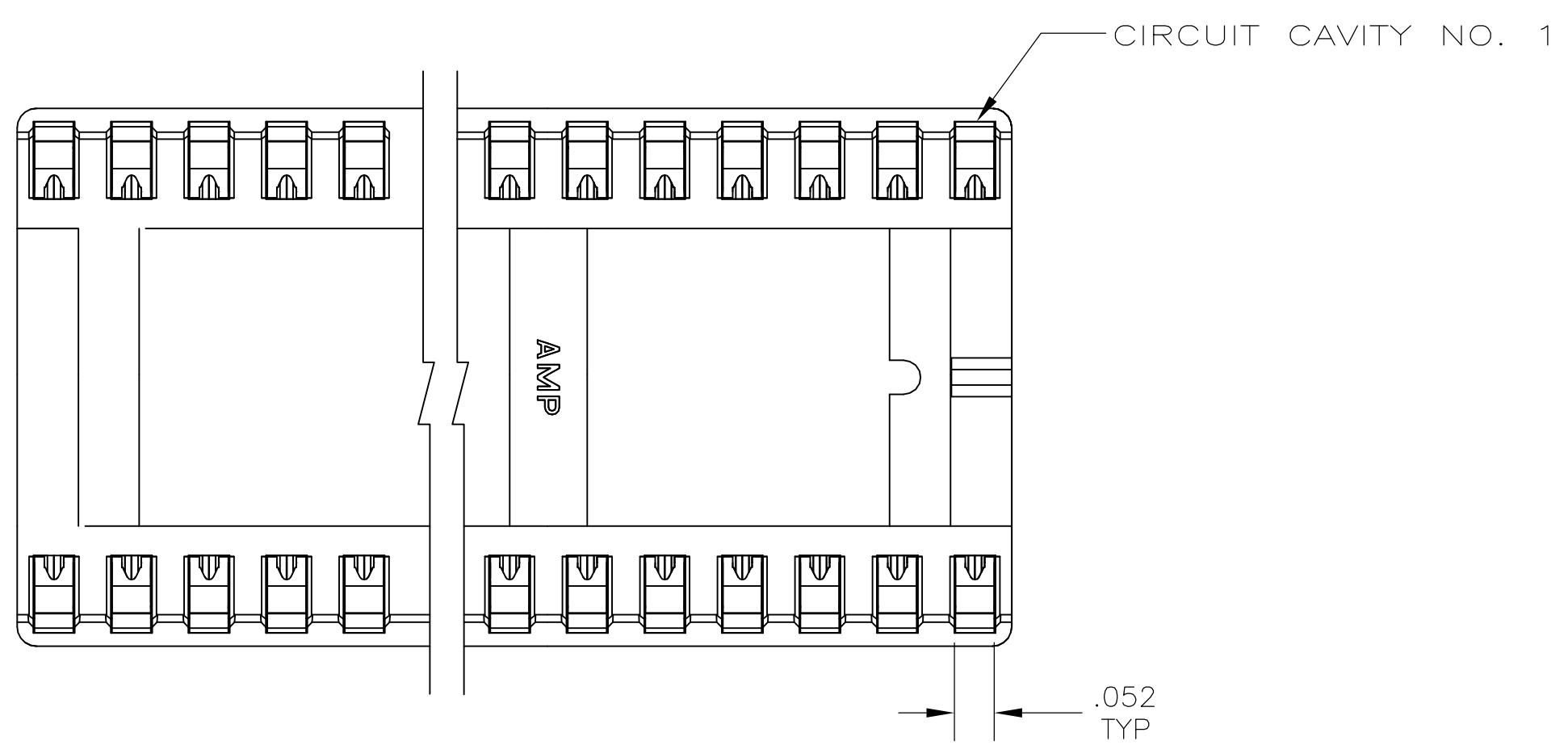
[Distributor Inventory](#)
[Product Cross Reference](#)
[Documents & Drawings](#)
[Product Compliance Support Center](#)
[Site Map](#)

Customer Support

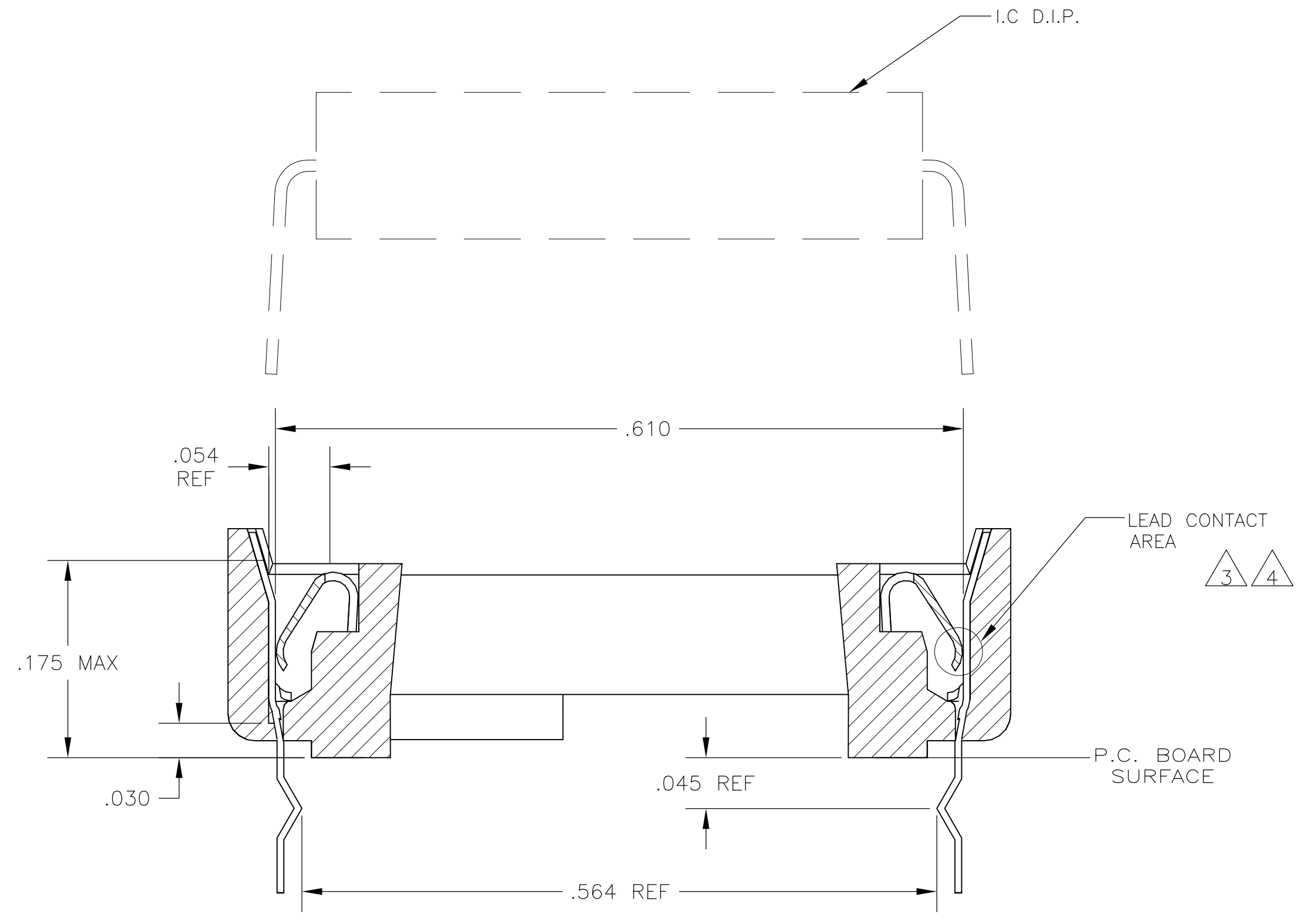
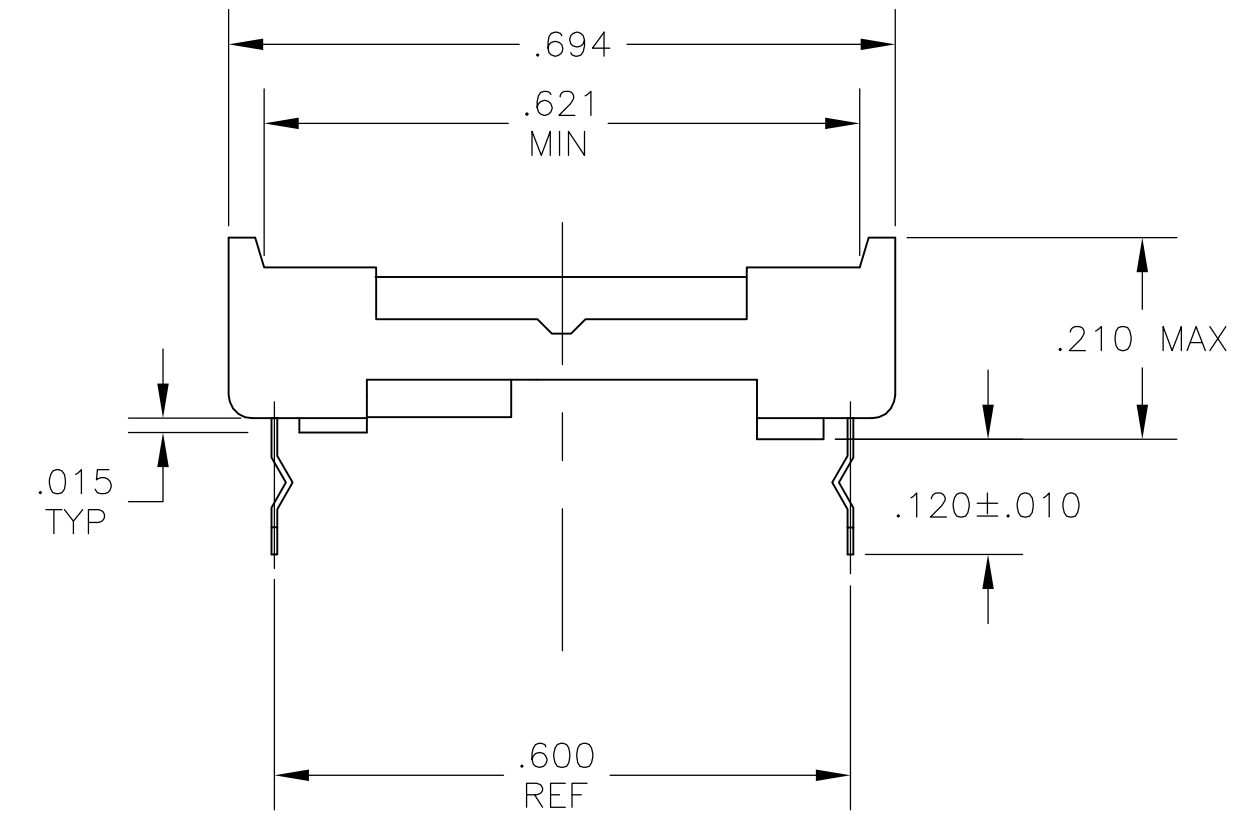
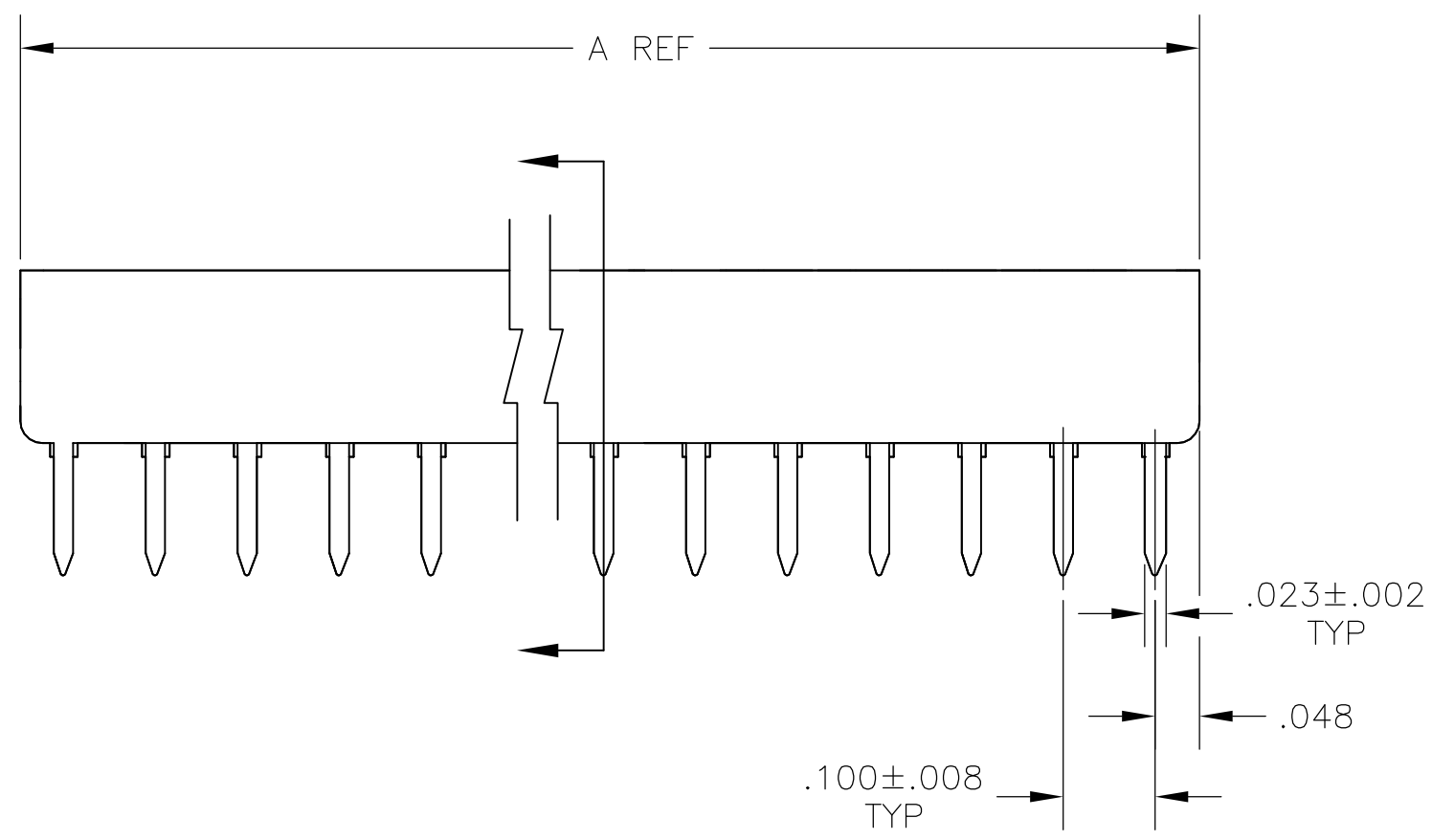
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D

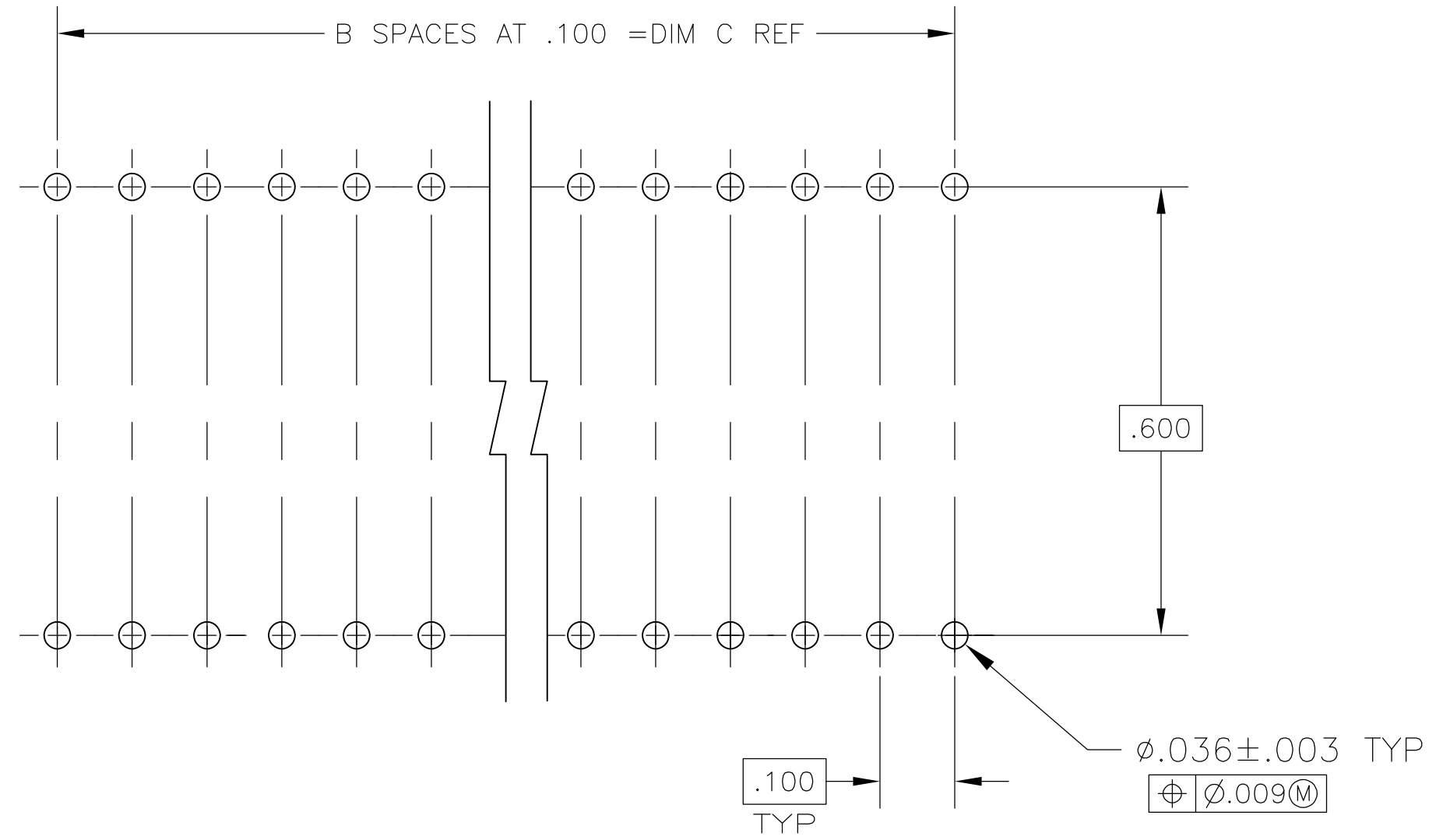


C



SECTION A—A
SCALE 10:1

B



RECOMMENDED MOUNTING HOLE PATTERN
SCALE 4:1

- 1 RECEPTACLE ACCEPTS A .008—.014 THICK I.C.LEAD.
- 2 TUBE LOADED FOR AUTOMATIC INSERTION.
- 3 BECU CONTACT —PLATED WITH TWO .000030 MIN THIK. GOLD STRIPES IN CONTACT AREA WITH TIN ON CONTACT LEGS, BALENCE OF CONTACT NICKEL PLATED.
- 4 PHOS. BRZ CONTACT — PLATED WITH TWO .000015 MIN THK. GOLD STRIPES IN CONTACT AREA WITH TIN ON CONTACT LEGS, BALENCE OF CONTACT NICKEL PLATED.
- 5 GLASS FILLED THERMOPLASTIC, 94V-0, BLACK
- 6 OBSOLETE PARTS: OBSOLETE CIS STREAMLINING PER D.RENAUD/D.SINISI

A

6	OBSOLETE	3	2.300	23	2.395	48	1—1825376—4
		3	1.900	19	1.995	40	1—1825376—3
		3	1.300	13	1.395	28	1—1825376—2
		3	1.100	11	1.195	24	1—1825376—1
	OBSOLETE	4	2.300	23	2.395	48	1825376—4
		4	1.900	19	1.995	40	1825376—3
		4	1.300	13	1.395	28	1825376—2
6	OBSOLETE	4	1.100	11	1.195	24	1825376—1
CONTACT & FINISH		DIM C	B SPCS	DIM A	POSITION	PART NO.	

THIS DRAWING IS A CONTROLLED DOCUMENT.

DIMENSIONS: INCHES

TOLERANCES UNLESS OTHERWISE SPECIFIED:

0 PLC	± .—
1 PLC	± .—
2 PLC	± .—
3 PLC	± .005
4 PLC	± .—
ANGLES	± .— 0°30'

MATERIAL SEE TABLE

FINISH SEE TABLE

DWN B.S.VISWESWARA

CHK K.WRIGHT

APVD

PRODUCT SPEC 108—1066

APPLICATION SPEC 114—1049

WEIGHT —

CUSTOMER DRAWING

22APROS

Tyco Electronics Corporation
Harrisburg, Pa 17105—3608

NAME

DIP SOCKET ASSY, LADDER,
DIPLOMATE, RET. LEAD .600 CL, LEAD FREE

SIZE CAGE CODE DRAWING NO

100779C=1825376

RESTRICTED TO

—

SCALE 5:1

SHEET 1 OF 1

REV A1

D

C

B

A