

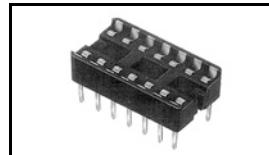
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## 1825374-6 Product Details

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1825374-6

TE Internal Number:  
1825374-6



### 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 = 7.87 mm
- 20 Positions

[View all Features](#)

### Quick Links

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### Documentation & Additional Information

#### Product Drawings:

- [DIP SOCKET ASSY, LADDER, DIPLOMATE, RET. LEAD .300 C...](#) (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

#### Additional Information:

- [Product Line Information](#)

#### Related Products:

- [Tooling](#)

[List all Documents](#)

### 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](#) = 20

#### 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 \[in\]\)](#) = 7.87 [0.310]
- [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 = 21

**Other:**

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

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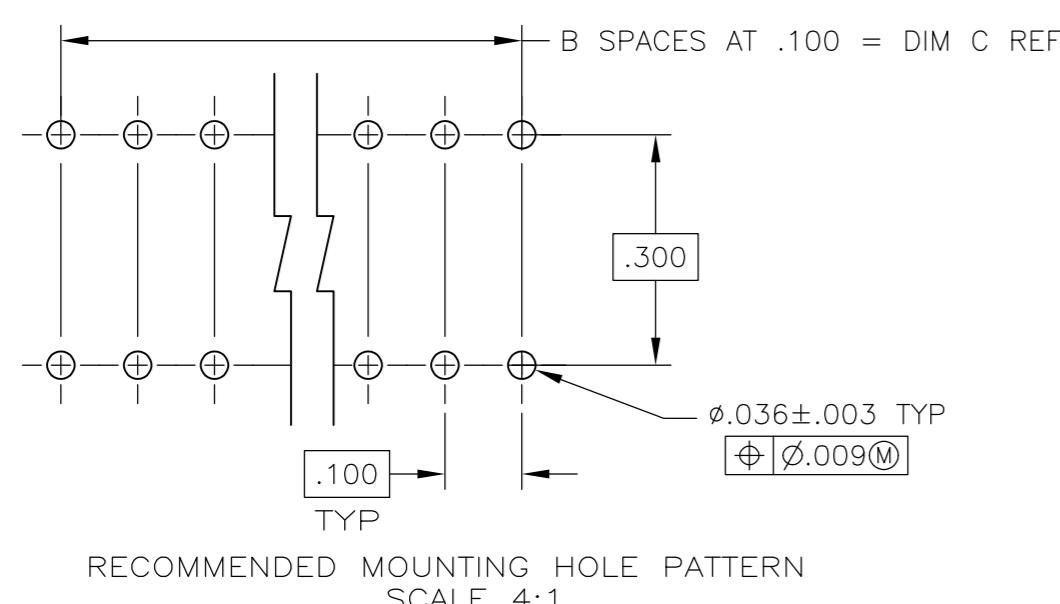
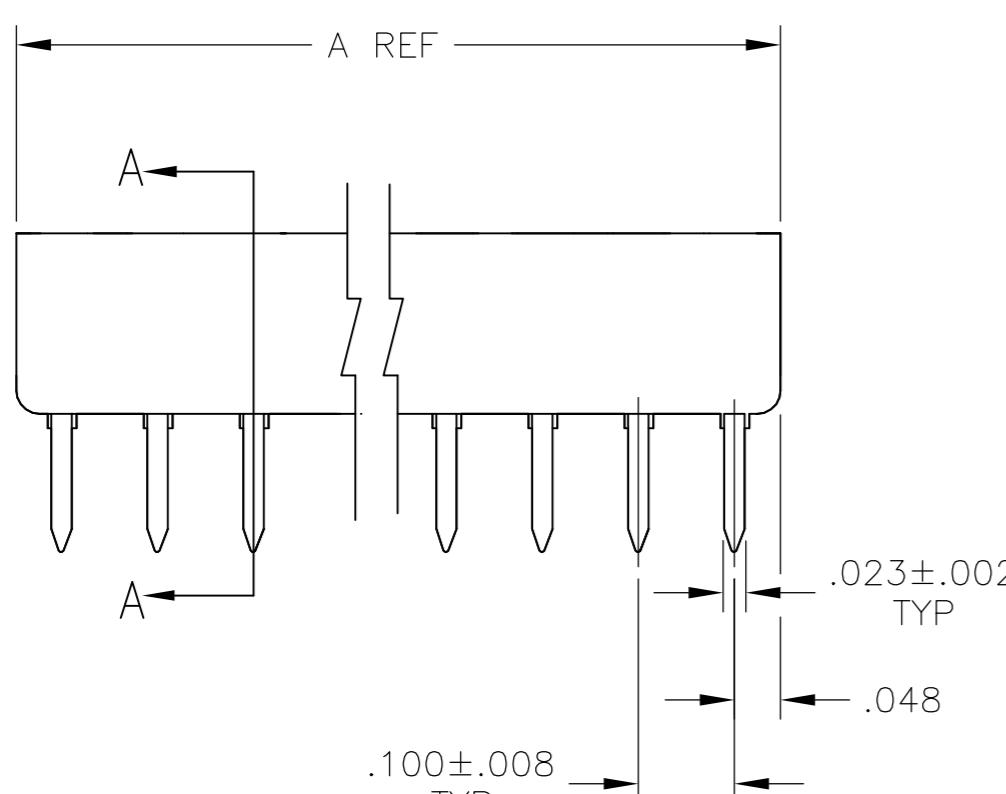
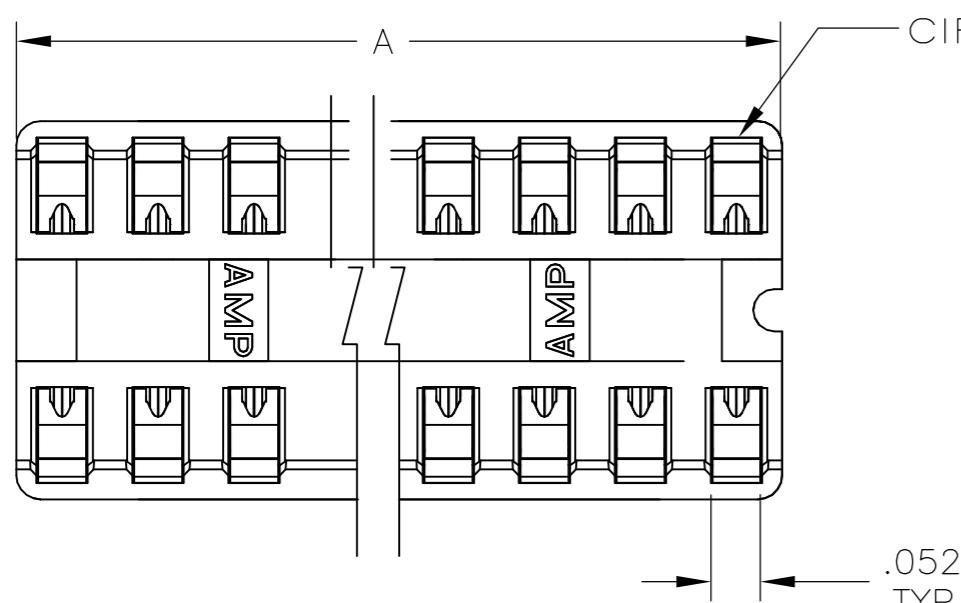
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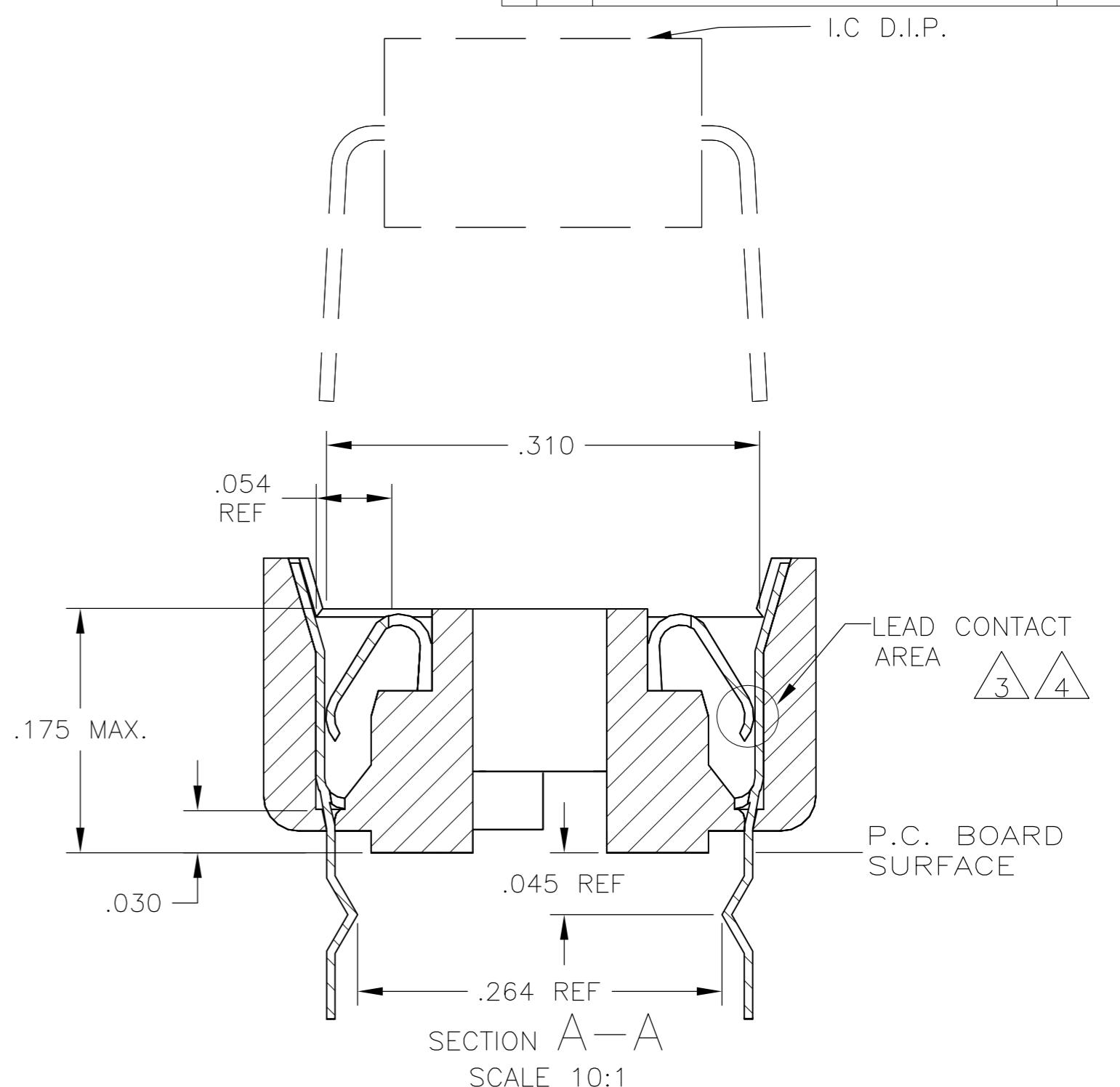
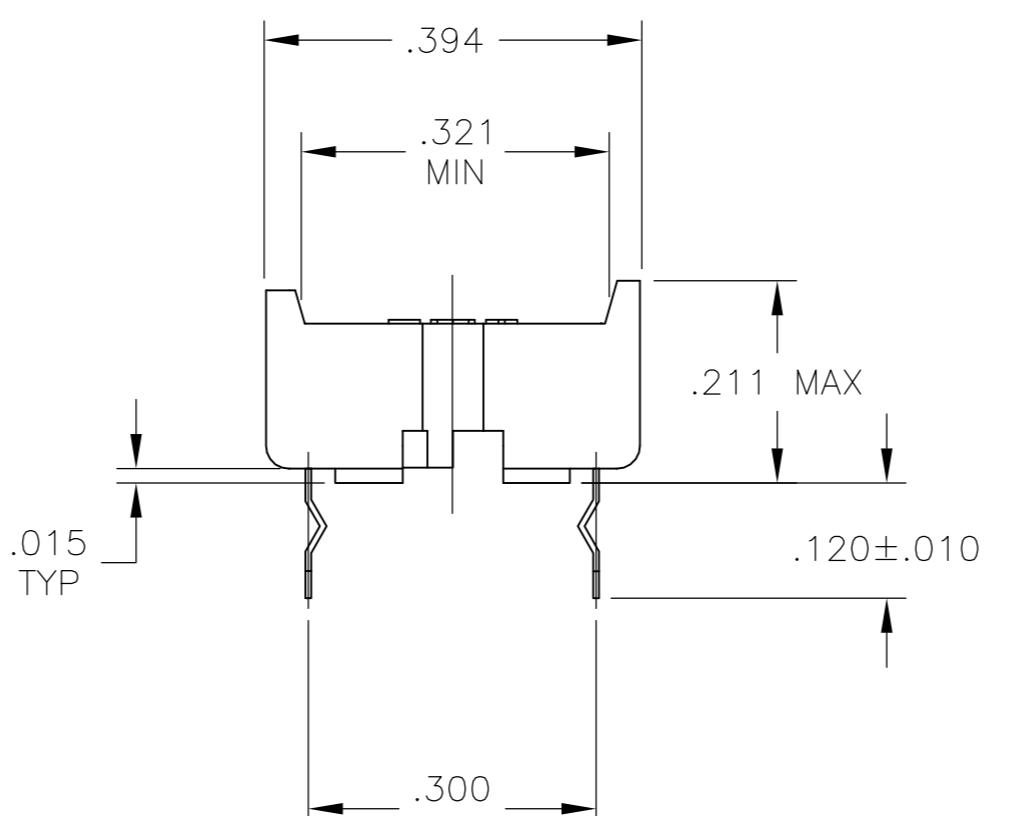
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LOC	DIST	REVISIONS					
AD	00	P	LTR	DESCRIPTION	DATE	DWN	APVD
		A		ECO-05-013690	02JAN05	BSV	KD
		A1		REVISED PER ECO-09-024927	07NOV09	KK	AEG



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 THK. GOLD STRIPES IN CONTACT AREA WITH TIN ON CONTACT LEGS, BALANCE OF CONTACT NICKEL PLATED.
- 4 PHOS. BRZ CONTACT - PLATED WITH TWO .000015 MIN THK. GOLD STRIPES IN CONTACT AREA WITH TIN ON CONTACT LEGS, BALANCE OF CONTACT NICKEL PLATED.
- 5 GLASS FILLED THERMOPLASTIC, 94V-0, BLACK
- 6 OBSOLETE PARTS: OBSOLETE CIS STREAMLINING PER D.RENAUD/D.SINISI



	3	1.100	11	1.195	24	1-1825374-7
OBSOLETE	3	.900	9	.995	20	1-1825374-6
OBSOLETE	3	.800	8	.895	18	1-1825374-5
OBSOLETE	3	.700	7	.795	16	1-1825374-4
OBSOLETE	3	.600	6	.695	14	1-1825374-3
OBSOLETE	3	.300	3	.395	8	1-1825374-2
OBSOLETE	3	.200	2	.295	6	1-1825374-1
OBSOLETE	4	1.100	11	1.195	24	1825374-7
OBSOLETE	4	.900	9	.995	20	1825374-6
OBSOLETE	4	.800	8	.895	18	1825374-5
OBSOLETE	4	.700	7	.795	16	1825374-4
OBSOLETE	4	.600	6	.695	14	1825374-3
OBSOLETE	4	.300	3	.395	8	1825374-2
OBSOLETE	4	.200	2	.295	6	1825374-1
CONTACT & FINISH	DIM. C B	SPCS	DIM. A	POSITION	PART NO.	

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D.W.M. B.S.VISWESWARA		-	Harrisburg, Pa 17105-3608	
CHK K WRIGHT		-		
APVD		-		
PRODUCT SPEC		-		
108-1066				
APPLICATION SPEC				
114-1049				
MATERIAL				
SEE TABLE				
FINISH				
SEE TABLE				
WEIGHT		-		
CUSTOMER DRAWING				
SCALE		5:1	SHEET	1 OF 1
REV		A1		