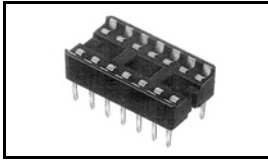


## 1825374-6 Product Details

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**1825374-6**

TE Internal Number:  
1825374-6

 **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 = 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

[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](#) = 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

<ul style="list-style-type: none"><li>Row-to-Row Spacing (mm [in]) = 7.87 [0.310]</li><li>Mount Style = Vertical</li></ul> <p><b>Contact Features:</b></p> <ul style="list-style-type: none"><li>Socket Style = Standard</li><li>Contact Base Material = Phosphor Bronze</li><li>Contact Plating, Mating Area, Material = Gold (15)</li><li>Contact Style = Stamped + Formed</li><li>Mating Contact Type = Dual Leaf</li><li>Solder Tail Contact Plating = Tin</li></ul>	<p><b>Operation/Application:</b></p> <ul style="list-style-type: none"><li>Application = Production</li></ul> <p><b>Packaging Features:</b></p> <ul style="list-style-type: none"><li>Packaging Method = Tube</li><li>Qty./Tube = 21</li></ul> <p><b>Other:</b></p> <ul style="list-style-type: none"><li>Brand = TE Connectivity</li><li>Proprietary Name = DIPLOMATE DL</li><li>Comment = ONLY sockets with straight solder tails are recommended for automatic insertion.</li></ul>
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Corporate Information

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Quick Links

- Distributor Inventory
- Product Cross Reference
- Documents & Drawings
- Product Compliance Support Center
- Site Map

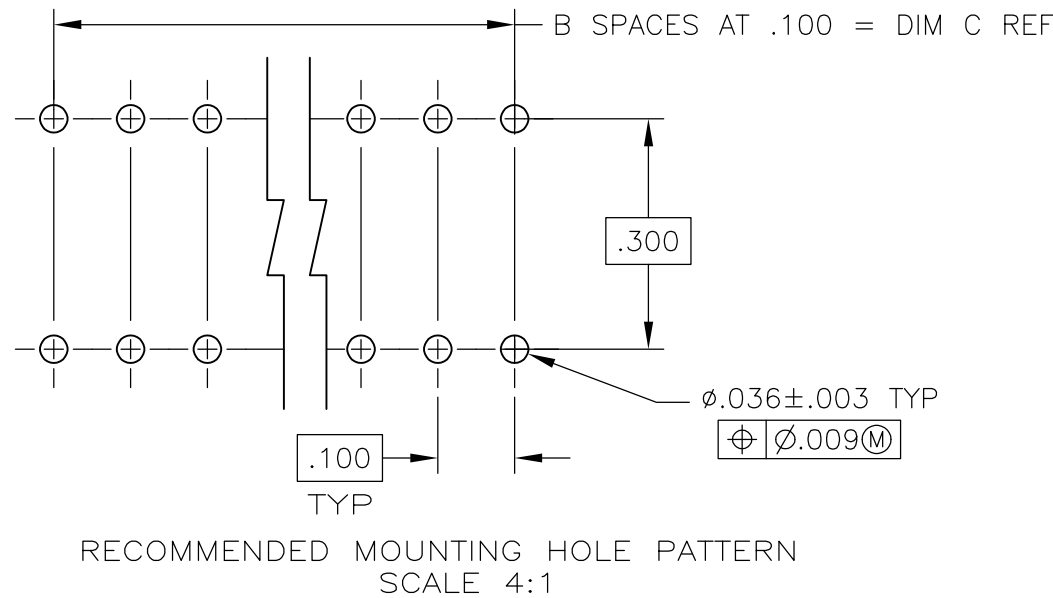
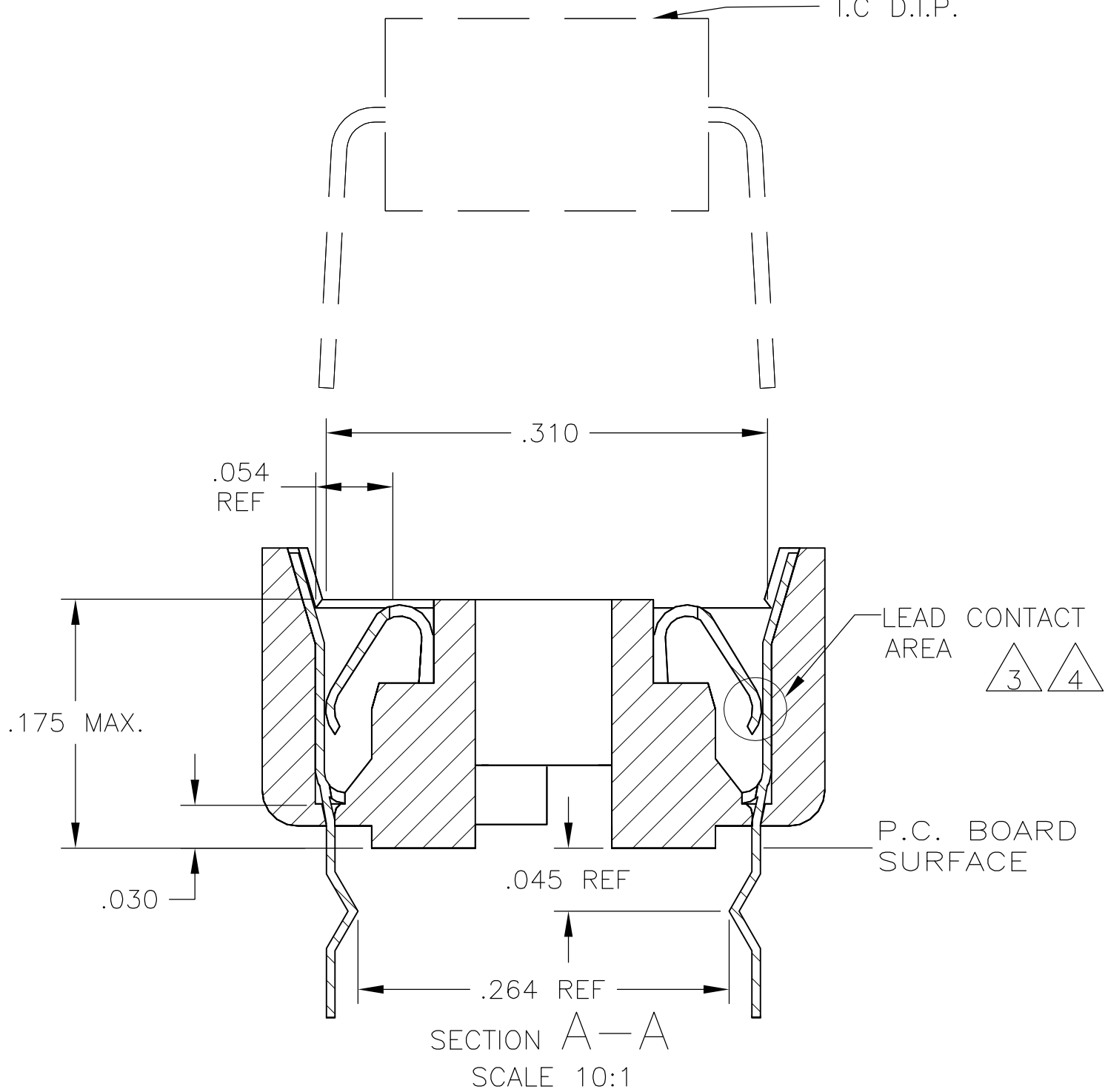
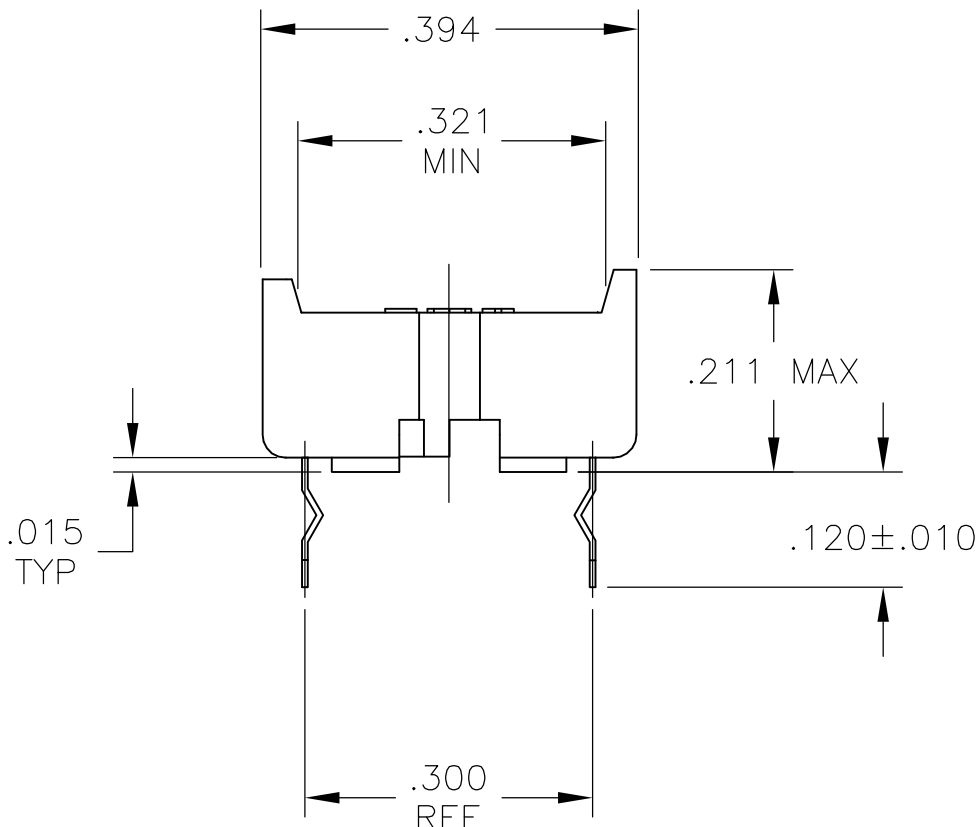
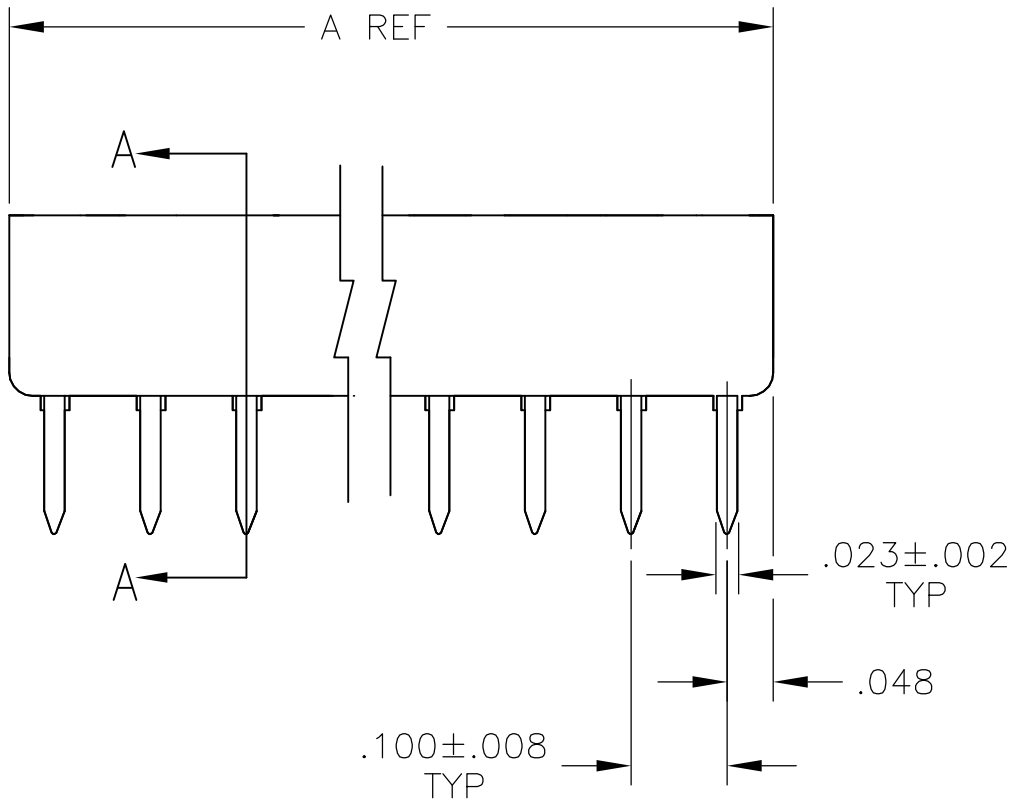
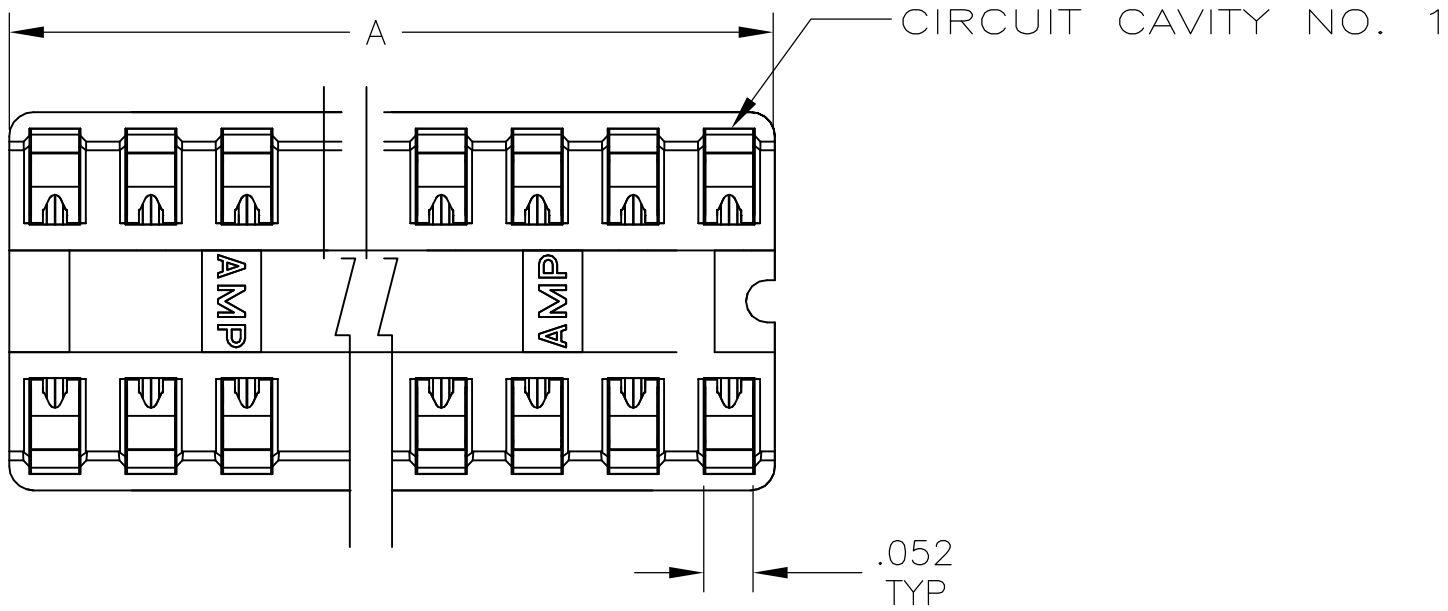
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LOC	DIST	REVISIONS				
		P	LTR	DESCRIPTION	DATE	DWN APVD
AD	00		A	ECO-05-013690	02JAN05	BSV KD
			A1	REVISED PER ECO-09-024927	07NOV09	KK AEG



- 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

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

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN B.S.VISWESWARA	21APR05	Tyco Electronics Corporation Harrisburg, Pa 17105-3608		
DIMENSIONS: INCHES		CHK K WRIGHT	-			
		APVD -	-	NAME DIP SOCKET ASSY, LADDER, DIPLOMATE, RET. LEAD .300 CL, LEAD FREE		
		PRODUCT SPEC 108-1066				
MATERIAL SEE TABLE		APPLICATION SPEC 114-1049		SIZE A2	CAGE CODE 00779	DRAWING NO C=1825374
TOLERANCES UNLESS OTHERWISE SPECIFIED:		WEIGHT -		RESTRICTED TO -		
SEE TABLE		CUSTOMER DRAWING				
FINISH SEE TABLE		SCALE 5:1		SHEET 1 OF 1		
				REV A1		