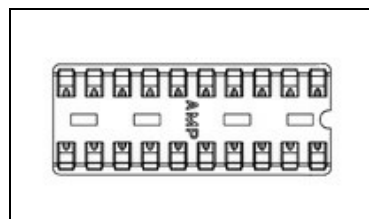




1-1825093-6 Product Details

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1-1825093-6

TE Internal Number: 1-1825093-6

Active

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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](#)

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Documentation & Additional Information

Product Drawings:

- [DIP SOCKET ASSY, CLOSED, DIPLOMATE, .300 CL, LEAD FREE](#) (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: (CAD Format & Compression Information)

- [2D Drawing](#) (DXF, Version A)
- [3D Model](#) (IGES, Version A)
- [3D Model](#) (STEP, Version A)

[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 = Closed
- Leg Style = Straight
- 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]) = 3.25 [0.128]

Dimensions:

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

Body Features:

- [Row-to-Row Spacing](#) (mm [in]) = 7.87 [0.310]
- [Mount Style](#) = Vertical

Contact Features:

- [Socket Style](#) = Standard
- [Contact Base Material](#) = Beryllium Copper
- [Contact Plating, Mating Area, Material](#) = Gold (30)
- [Contact Style](#) = Stamped + Formed
- [Mating Contact Type](#) = Dual Leaf

Housing Features:

- [Centerline](#) (mm [in]) = 2.54 [0.100]
- [Housing Material](#) = Thermoplastic - GF

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
- [UL Flammability Rating](#) = UL 94V-0

Conditions for Usage:

- [Temperature Range](#) (°C) = 125

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.

Feedback

- Solder Tail Contact Plating = Tin

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