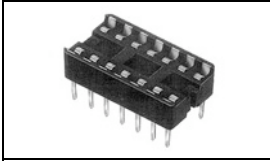


1-1825094-6 Product Details



1-1825094-6

TE Internal Number: 1-1825094-6

 **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](#)

Documentation & Additional Information

Product Drawings:

- [DIP SOCKET ASSY, LADDER, DIPLOMATE, .300 CL, LEAD FREE](#) (PDF, English)

Catalog Pages/Data Sheets:

- None Available

Product Specifications:

- None Available

Application Specifications:

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

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:

- [Socket Style](#) = Standard
- Profile = Standard
- [Frame Style](#) = Ladder
- [Leg Style](#) = Straight
- Proprietary Name = DIPLOMATE DL
- Color = Black
- Qty./Tube = 21
- Qty. Tubes/Box = 100
- Product Series = Standard

Electrical Characteristics:

- Insulation Resistance (M Ω) = 10,000
- Contact Resistance (m Ω) = 30

Termination Related Features:

- [Termination Post Length \(mm \[in\]\)](#) = 3.25 [0.128]
- Solder Tail Contact Plating = Tin

Body Related Features:

- [Centerline \(mm \[in\]\)](#) = 2.54 [0.100]
- [Row-to-Row Spacing \(mm \[in\]\)](#) = 7.87 [0.310]
- [Number of Positions](#) = 20
- [Mount Style](#) = Vertical

Contact Related Features:

Housing Related Features:

- Housing Material = Thermoplastic - GF
- UL Flammability Rating = UL 94V-0

Configuration Related Features:

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

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

Operation/Application:

- Application = Production

Packaging Related Features:

- [Packaging Method](#) = Tube

Other:

- Brand = Tyco Electronics
- Comment = ONLY sockets with straight solder tails are recommended for automatic insertion.

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