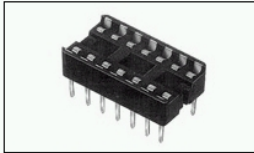


1-1825109-1 Product Details

Have a Question?

Chat with a Product Information Specialist



1-1825109-1

TE Internal Number: 1-1825109-1

[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
- 24 Positions

[View all Features](#)

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Documentation & Additional Information

Product Drawings:

- None Available

Catalog Pages/Data Sheets:

- None Available

Product Specifications:

- None Available

Application Specifications:

- [DIPLOMATE DL \(Dual Leaf\) 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:

- [Socket Style](#) = Standard
- [Profile](#) = Standard
- [Frame Style](#) = Ladder
- [Leg Style](#) = Straight
- [Proprietary Name](#) = DIPLOMATE DL
- [Color](#) = Black
- [Qty./Tube](#) = 17
- [Qty. Tubes/Box](#) = 100
- [Product Series](#) = Standard
- [Comment](#) = ONLY sockets with straight solder tails are recommended for automatic insertion.

Electrical Characteristics:

- [Insulation Resistance \(MΩ\)](#) = 10,000
- [Contact Resistance \(mΩ\)](#) = 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 \[in\]\)](#) = 15.49 [0.610]
- [Number of Positions](#) = 24
- [Mount Style](#) = Vertical

Contact Related Features:

- [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

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 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

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