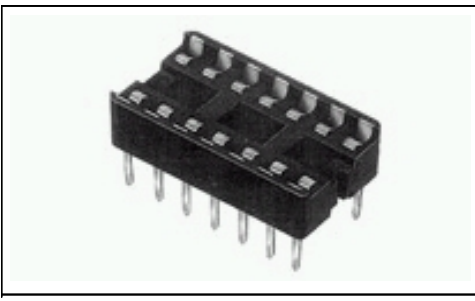


1825109 -3 Product Details

Live Product Chat US Only
8:30am - 5pm ET, Mon - Fri



1825109 -3

[Active](#)

DIP Sockets

[Always EU RoHS/ELV Compliant](#) ([Statement of Compliance](#))

Product Highlights:

- ? DIP Socket
- ? Number of Positions = 40
- ? Row-to -Row Spacing = 15.49 mm
- ? Thru Hole
- ? Mount Style = Vertical

[View all Features](#) | [Find Similar Products](#)

Quick Links

- [Check Pricing & Availability](#)
- [Search for Tooling](#)
- [Product Feature Selector](#)
- [Contact Us About This Product](#)

Documentation & Additional Information

Product Drawings:

- ? None Available

Catalog Pages/Data Sheets:

- ? None Available

Product Specifications:

- ? [Socket, DIPLOMATE DL, DIP, Low Profile](#) (PDF, English)

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:

- ? [Product Type](#) = DIP Socket
- ? [Number of Positions](#) = 40
- ? Profile = Standard
- ? [Frame Style](#) = Ladder
- ? [Leg Style](#) = Straight
- ? Proprietary Name = DIPLOMATE DL
- ? Color = Black
- ? Comment = ONLY sockets with straight solder tails are recommended for automatic insertion.

Electrical Characteristics:

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

Termination Related Features:

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

Body Related Features:

- ? [Row-to -Row Spacing \(mm \[in\]\)](#) = 15.49 [0.610]
- ? [Mount Style](#) = Vertical
- ? [Centerline \(mm \[in\]\)](#) = 2.54 [0.100]

Contact Related Features:

- ? [Contact Mount](#) = Thru Hole
- ? [Contact Material](#) = Phosphor Bronze
- ? [Contact Mating Area Plating Material](#) = Gold (15)
- ? [Contact Style](#) = Stamped + Formed
- ? [Mating Contact Type](#) = Dual Leaf

Housing Related Features:

- ? Housing Material = Thermoplastic Glass Reinforced
- ? Housing 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