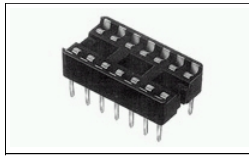


**1825109 -3 Product Details**

**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