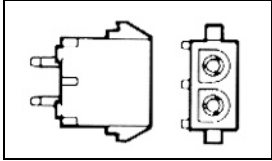


## 643416-1 Product Details



**643416-1**

TE Internal Number: 643416-1

 [Active](#)

**.250" Centerline, 600 V, 19 - 36 A max**

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

**Product Highlights:**

- Connector
- Connector Type = Header - Socket
- Universal MATE-N-LOK Product Line
- In-Line Contact Layout
- 6.35 mm Centerline

[View all Features](#)

### Documentation & Additional Information

Documents are temporarily unavailable. We are working hard to correct the problem. Please try again later.

**Additional Information:**

- [Product Line Information](#)

**Related Products:**

- [Tooling](#)
- [Mating Products \(3\)](#)

### Product Features (Please use the Product Drawing for all design activity)

**Product Type Features:**

- Product Type = Connector
- Product Line = Universal MATE-N-LOK
- Connector Type = Header - Socket
- Number of Positions = 4
- Color = White
- PCB Mount Polarization = With
- PCB Thickness (mm [in]) = 1.57 [0.062]
- Mount Angle = Vertical

**Mechanical Attachment:**

- Mating Retention = With
- Mating Retention Type = Positive Lock

**Electrical Characteristics:**

- High Current = No
- Current Rating (Amps.) = 19
- Voltage (VAC) = 600

**Termination Related Features:**

- Termination Method = Solder
- Termination Post Length (mm [in]) = 4.45 [0.175]

**Body Related Features:**

- Centerline (mm [in]) = 6.35 [0.250]

**Contact Related Features:**

- Contact Layout = In-Line
- Contact Type = Socket
- Contact Termination Type = Through Hole
- Contact Plating, Mating Area, Material = Pre-Tin
- Contact Base Material = Phosphor Bronze
- Sealable = No

**Housing Related Features:**

- Housing Type = Receptacle (Cap)
- Housing Material = Nylon
- Housing Flammability Rating = UL 94V-0

**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:**

- Terminate To = Printed Circuit Board

**Other:**

- Brand = AMP