

205089-1

TE Internal Number: 205089-1

Active

# Subminiature D Pin/Socket Connectors for MIL-C-24308 and MIL-C-39029



## **Product Highlights:**

- Contact
- Product Series = 109
- Terminate To Wire
- Pin
- Contact Size = 20

View all Features

## **Documentation & Additional Information**

## **Product Drawings:**

• PIN SIZE 20 CONTACT, AMPLIMITE (PDF, English)

## Catalog Pages/Data Sheets:

- AEROSPACE & DEFENSE (PDF, English)
- CIRCULAR CONNECTORS FOR COMMERCIAL SIGNAL AND POWER ... (PDF, English)
- AMP Circular Connectors for Commercial Signal & Powe... (PDF, English)

## **Product Specifications:**

None Available

## **Application Specifications:**

 AMPLIMITE 109 Pin And Socket Contacts Used With Astr... (PDF, English)

#### Instruction Sheets:

 AMPLIMITE High Density (HDP-20) Connectors with Crim... (PDF, English)

## **CAD Files:** (CAD Format & Compression Information)

- 2D Drawing (DXF, Version T)
- 3D Model (IGES, Version T)
- 3D Model (STEP, Version T)

List all Documents

#### Additional Information:

Product Line Information

#### **Related Products:**

Tooling

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

#### **Product Type Features:**

- Product Type = Contact
- Product Series = 109
- Gender = Pin
- Wire Termination Type = Crimp
- <u>Insulation Diameter (mm [in])</u> = 1.83 [.072]
   Max.
- Color Code = Yes

#### **Electrical Characteristics:**

High Current = No

## **Body Related Features:**

- Post Diameter (mm [in]) = 0.99 1.04 [0.039 0.041]
- Wire Range (mm [AWG]) = 0.20-0.60<sup>2</sup> [24-20]

## **Contact Related Features:**

• Contact Size = 20

#### Industry Standards:

- Government/Industry Qualification = Yes
- Government/Industry Part Number = M39029/64-369
- RoHS/ELV Compliance = RoHS compliant, ELV compliant
- <u>Lead Free Solder Processes</u> = Not relevant for lead free process
- RoHS/ELV Compliance History = Always was RoHS compliant
- NASA Qualification = No

## Conditions for Usage:

• Terminate To = Wire

#### Packaging Related Features:

• Packaging Method = Loose Piece

#### Other:

• Brand = AMP

- Contact Style = Crimp Snap-in
- Contact Base Material = Copper Alloy
- Contact Mating Area Plating Material = Gold over Nickel