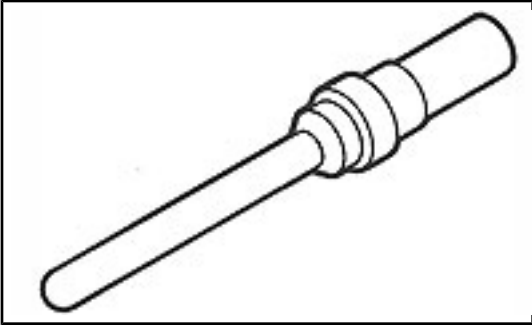


205089-1 Product Details



205089-1

TE Internal Number: 205089-1



[Active](#)

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



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

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
- [Insulation Diameter \(mm \[in\]\)](#) = 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 \[AWG\]\)](#) = 0.20-0.60² [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
- [Lead Free Solder Processes](#) = 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