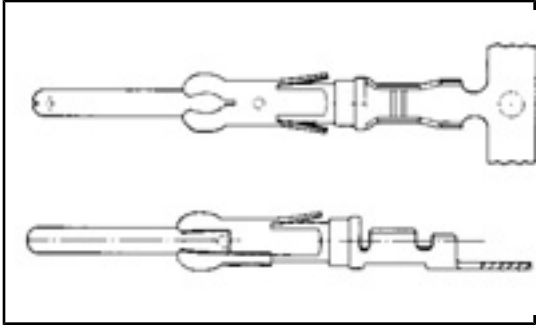


1-66602-0 Product Details



1-66602-0

TE Internal Number: 1-66602-0



[Active](#)

Multimate



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

Product Highlights:

- Pin
- High Current
- Tin over Nickel Contact Mating Area Plating Material
- Wire Range = 0.80-2.00² [18-14] mm [AWG]
- Insulation Diameter = 2.79 - 3.81 mm

[View all Features](#)

Documentation & Additional Information

Product Drawings:

- [PIN ASSEMBLY, LOOSE PIECE, TYPE III+](#) (PDF, English)

Catalog Pages/Data Sheets:

- [PRECISION PIN AND SOCKET CONTACTS](#) (PDF, English)
- [Signal Contacts](#) (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:

- None Available

Instruction Sheets:

- None Available

CAD Files: ([CAD Format & Compression Information](#))

- [2D Drawing](#) (DXF, Version U)
- [3D Model](#) (IGES, Version U)
- [3D Model](#) (STEP, Version U)

[List all Documents](#)

Additional Information:

- [Product Line Information](#)

Additional Product Images:

- [Line Drawing](#)

Related Products:

- [Tooling](#)

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

Product Type Features:

- [Pin/Socket](#) = Pin
- [Insulation Diameter \(mm \[in\]\)](#) = 2.79 – 3.81 [0.110 – 0.150]
- Product Type = Type III+ - Enhanced High Current
- [Insulation Support](#) = Yes
- [Wire Termination Type](#) = Crimp
- Wire/Cable Type = Discrete Wire
- Grade = Commercial
- Comment = Contacts can only be used in Metrimate, Series 1 (Arr. 23-24), Series 4 (Arr. 23-13M, 23-16M, 23-22M), and VDE connectors.

Electrical Characteristics:

- High Current = Yes

Termination Related Features:

- [Termination End Plating](#) = Tin
- Pin Diameter (mm [in]) = 1.57 [0.062]

Contact Related Features:

- [Contact Mating Area Plating Material](#) = Tin over Nickel
- [Contact Base Material](#) = Copper Alloy
- [Contact Size](#) = 16
- [Contact Type](#) = Signal

Industry Standards:

- [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

Conditions for Usage:

- [Terminate To](#) = Wire

Packaging Related Features:

- [Packaging Method](#) = Loose Piece

Other:

Body Related Features:

- [Wire Range \(mm \[AWG\]\)](#) = 0.80-2.00² [18-14]
- Spring Material = Stainless Steel
- Used With = M Series Connectors, CPC Connectors

- Brand = AMP