



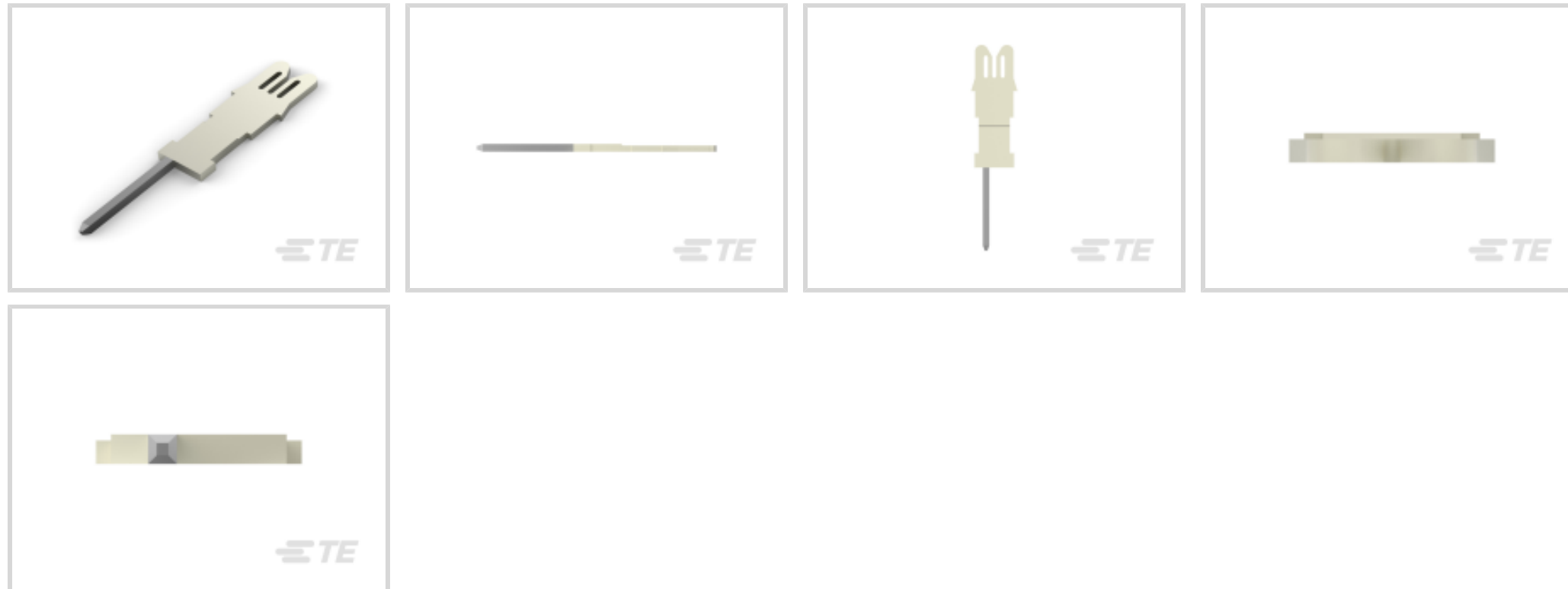
SIAMEZE

TE Internal #: 1601144-3

Pin, .81 mm Magnet Wire, 20 AWG Magnet Wire, Insulation Displacement (IDC), Tin Plating, Nickel, SIAMEZE, Magnet Wire Terminals

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Terminals & Splices > Magnet Wire Terminals



Magnet Wire Terminal Type: **Pin**

Mating Pin Diameter: **.99 mm [ .039 in ]**

Magnet Wire Size: **.81 mm**

Termination Method to Wire & Cable: **Insulation Displacement (IDC)**

**Features**

**Contact Features**

|                               |                  |
|-------------------------------|------------------|
| Magnet Wire Terminal Type     | Pin              |
| Mating Pin Diameter           | .99 mm [.039 in] |
| Terminal Plating Material     | Tin              |
| Contact Underplating Material | Nickel           |
| Terminal Orientation          | Straight         |

**Dimensions**

|                                    |                   |
|------------------------------------|-------------------|
| Magnet Wire Size                   | .81 mm            |
| Stock Thickness (Magnet Wire Side) | .51 mm [.02 in]   |
| Product Length                     | 19.81 mm [.78 in] |
| Terminal Height                    | 6.99 mm [.275 in] |

**Termination Features**

|                                    |                               |
|------------------------------------|-------------------------------|
| Termination Method to Wire & Cable | Insulation Displacement (IDC) |
|------------------------------------|-------------------------------|

**Packaging Features**

|                  |      |
|------------------|------|
| Packaging Method | Reel |
|------------------|------|



**Operation/Application**

|                                    |        |
|------------------------------------|--------|
| Compatible With Wire Base Material | Copper |
|------------------------------------|--------|

**Product Type Features**

|                                    |                    |
|------------------------------------|--------------------|
| Compatible With Discrete Wire Type | Solid, Magnet Wire |
|------------------------------------|--------------------|

**Other**

|                    |           |
|--------------------|-----------|
| EU RoHS Compliance | Compliant |
| EU ELV Compliance  | Compliant |

**Usage Conditions**

|                   |             |
|-------------------|-------------|
| Insulation Option | Uninsulated |
|-------------------|-------------|

**Product Compliance**

[For compliance documentation, visit the product page on TE.com>](#)

|   |   |
|---|---|
| EU RoHS Directive 2011/65/EU                  | Compliant   |
| EU ELV Directive 2000/53/EC                   | Compliant   |
| China RoHS 2 Directive MIIT Order No 32, 2016 | No Restricted Materials Above Threshold   |
| EU REACH Regulation (EC) No. 1907/2006        | Current ECHA Candidate List: JUNE 2024 (241)<br>Candidate List Declared Against: JUNE 2024 (241)<br>Does not contain REACH SVHC |
| Halogen Content                               | Low Halogen - Br, Cl, F, I < 900 ppm per homogenous material. Also BFR/CFR/PVC Free   |
| Solder Process Capability                     | Not applicable for solder process capability  |

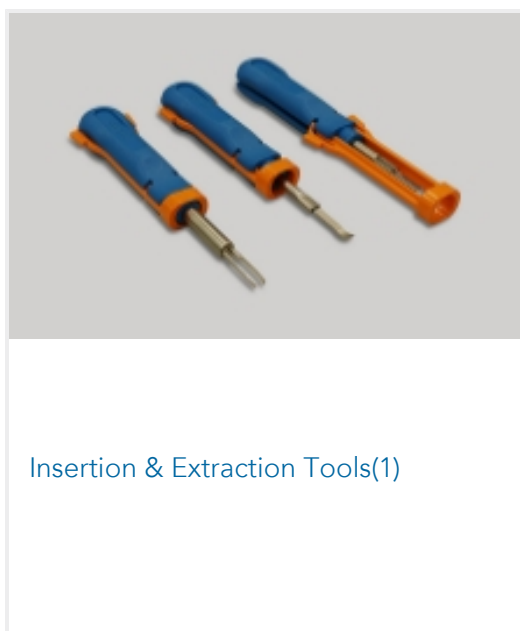
**Product Compliance Disclaimer**

This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight in homogenous materials for lead, hexavalent chromium, mercury, PBB, PBDE, DBP, BBP, DEHP, DIBP, and 0.01% for cadmium, or qualify for an exemption to these limits as defined in the Annexes of Directive 2011/65/EU (RoHS2). Finished electrical and electronic equipment products will be CE marked as required by Directive 2011/65/EU. Components may not be CE marked. Additionally, the part numbers that TE has identified as EU ELV compliant have a maximum concentration of 0.1% by weight in homogenous materials for lead, hexavalent chromium, and mercury, and 0.01% for cadmium, or qualify for an exemption to these limits as defined in the Annexes of Directive 2000/53/EC (ELV). Regarding the REACH Regulation, the information TE provides on SVHC in articles for this part number is based on the latest European Chemicals Agency (ECHA) 'Guidance on requirements for substances in articles' posted at this URL: <https://echa.europa.eu/guidance-documents/guidance-on-reach>

**Compatible Parts**



Also in the Series | **SIAMEZE**



Customers Also Bought





## Documents

### Product Drawings

[159-003-120=PIN.024SQ,MMD,SMZ](#)

English

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### CAD Files

[3D PDF](#)

3D

Customer View Model

[ENG\\_CVM\\_CVM\\_1601144-3\\_D\\_c-1601144-3-d.2d\\_dxf.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_1601144-3\\_D\\_c-1601144-3-d.3d\\_igs.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_1601144-3\\_D\\_c-1601144-3-d.3d\\_stp.zip](#)

English

By downloading the CAD file I accept and agree to the [Terms and Conditions](#) of use.

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### Datasheets & Catalog Pages

[Magnet Wire Terminals & Splices](#)

English

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### Product Specifications

[Application Specification](#)

English