



Terminals & Splices > Magnet Wire Terminals



Magnet Wire Terminal Type: **Solder Post**

Mating Tab Width: **1.02 mm [.02 in]**

Mating Tab Thickness: **.51 mm [.02 in]**

Magnet Wire Size: **.16 – 1.02 mm**

Features

Usage Conditions

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

Dimensions

|                                    |                   |
|------------------------------------|-------------------|
| Terminal Height                    | 3.17 mm[.125 in]  |
| Magnet Wire Size                   | .16 – 1.02 mm     |
| Stock Thickness (Magnet Wire Side) | .51 mm[.02 in]    |
| Product Length                     | 12.32 mm[.485 in] |

Product Type Features

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

Contact Features

|                               |                 |
|-------------------------------|-----------------|
| Magnet Wire Terminal Type     | Solder Post     |
| Mating Tab Width              | 1.02 mm[.02 in] |
| Mating Tab Thickness          | .51 mm[.02 in]  |
| Terminal Plating Material     | Tin             |
| Contact Underplating Material | Nickel          |
| Terminal Orientation          | Straight        |



Termination Features

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

Mechanical Attachment

|                       |       |
|-----------------------|-------|
| Mating Retention Type | Barbs |
|-----------------------|-------|

Operation/Application

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

Packaging Features

|                  |     |
|------------------|-----|
| Packaging Method | Bag |
|------------------|-----|

Other

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

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                     | Wave solder capable to 265°C                                                                                                    |

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

TE Part # 6-1601046-2  
WIRE2WIRE,STD,SMZ

TE Part # 8-1601046-2  
331-101-000=WIRE2WIRE,STD,SMZ

TE Part # 4-1601088-2  
031-159-002=TAB,2.0X.51,STD,SMZ

TE Part # 4-1601090-2  
031-161-002=TAB,2.0X.51,STD,SMZ

TE Part # 1601425  
531-007-000=POCKET SPECIFICATION

Also in the Series | SIAMEZE

Insertion & Extraction Tools(1)

Magnet Wire Terminals(191)

Customers Also Bought

TE Part #1375820-4  
CST-100 II HOUSING 4 POS

TE Part #179228-6  
CRIMP TYPE II RECPT HSG

TE Part #130191  
TERM, SOLIS R 12-10 5MM

TE Part #1103427-2  
HC26.Bu.4.C.5,2







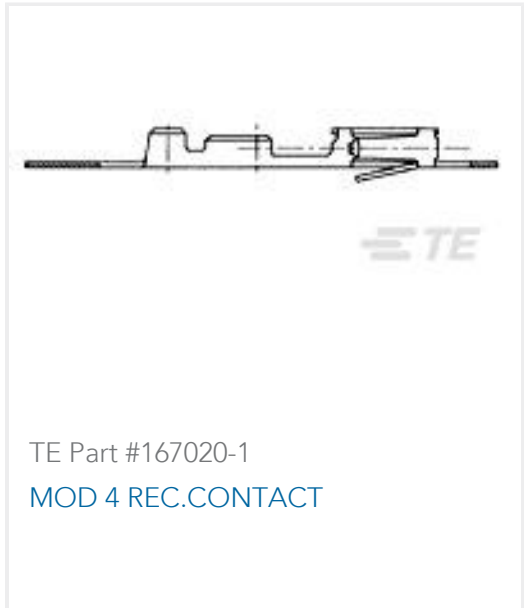
TE Part #2120451-1  
HOOD KIT MOTORMAN HC 180  
PLAST



TE Part #NB09524001  
ATUM-16/4-0-SP



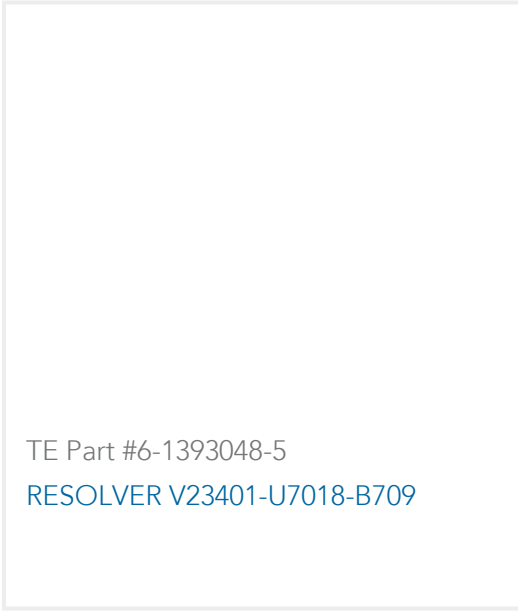
TE Part #2120340-1  
PLASTIC HOOD / KIT



TE Part #167020-1  
MOD 4 REC.CONTACT



TE Part #1-1414631-0  
RESOLVER V23401-S1001-B101



TE Part #6-1393048-5  
RESOLVER V23401-U7018-B709

Documents

Product Drawings  
PC TAB STANDARD SIAMEZE  
English  
PC TAB STANDARD SIAMEZE  
English

CAD Files  
Customer View Model  
ENG\_CVM\_CVM\_4-1601041-3\_F.2d\_dxf.zip  
English  
3D PDF  
3D  
Customer View Model  
ENG\_CVM\_CVM\_4-1601041-3\_F.3d\_igs.zip  
English  
Customer View Model  
ENG\_CVM\_CVM\_4-1601041-3\_F.3d\_stp.zip  
English

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

Datasheets & Catalog Pages  
Magnet Wire Terminals & Splices  
English  
1-1773702-7 \_IDC\_Magnet\_Wire  
English

Product Specifications

4-1601041-3

Solder Post, 1.02 mm [.02 in] Tab Width, .16 – 1.02 mm Magnet Wire, 34 – 18 AWG  
Magnet Wire, SIAMEZE, Magnet Wire Terminals



Application Specification

English