



TE Internal #: 2348504-2

Dual Connection Terminal / Tab, Mating Tab Width 6.35 mm [.25 in], 1601425, .45 – 1 mm Aluminum Wire, .45 – 1 mm Magnet Wire, Magnet Wire Terminals

[View on TE.com >](#)

Terminals & Splices > Magnet Wire Terminals



Magnet Wire Terminal Type: **Dual Connection Terminal, Tab**

Mating Tab Width: **6.35 mm [ .25 in ]**

Mating Tab Thickness: **.81 mm [ .032 in ]**

Compatible With Cavity Size: **1601425**

Aluminum Wire Size: **.45 – 1 mm**

Features

Product Type Features

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

Body Features

|                             |         |
|-----------------------------|---------|
| Compatible With Cavity Size | 1601425 |
|-----------------------------|---------|

Contact Features

|                               |                               |
|-------------------------------|-------------------------------|
| Magnet Wire Terminal Type     | Dual Connection Terminal, Tab |
| Mating Tab Width              | 6.35 mm[.25 in]               |
| Mating Tab Thickness          | .81 mm[.032 in]               |
| Terminal Plating Material     | Tin                           |
| Contact Underplating Material | None                          |
| Terminal Orientation          | Straight                      |

Termination Features

|                                    |             |
|------------------------------------|-------------|
| Termination Method to Wire & Cable | SIAMEZE IDC |
|------------------------------------|-------------|

Mechanical Attachment

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



Dimensions

|                                    |                   |
|------------------------------------|-------------------|
| Terminal Height                    | 20.45 mm[.805 in] |
| Aluminum Wire Size                 | .45 – 1 mm        |
| Magnet Wire Size                   | .45 – 1 mm        |
| Stock Thickness (Magnet Wire Side) | .51 mm[.02 in]    |
| Product Length                     | 20.45 mm[.805 in] |

Usage Conditions

|                             |                            |
|-----------------------------|----------------------------|
| Insulation Option           | Uninsulated                |
| Operating Temperature Range | -40 – 125 °C[-40 – 257 °F] |

Operation/Application

|                                    |          |
|------------------------------------|----------|
| Compatible With Wire Base Material | Aluminum |
|------------------------------------|----------|

Packaging Features

|                  |             |
|------------------|-------------|
| Packaging Method | Reel/Carton |
|------------------|-------------|

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 reviewed 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

|                                                            |                                                                   |                                                                   |                                                                  |
|------------------------------------------------------------|-------------------------------------------------------------------|-------------------------------------------------------------------|------------------------------------------------------------------|
| <br>TE Part # 1-1601061-2<br>TAB,250X032,STD,SMZ           | <br>TE Part # 1601002-2<br>131-055-002=TAB,250X032,STD SMZ        | <br>TE Part # 2-1601061-2<br>131-128-002=TAB,250X032,STD SMZ      | <br>TE Part # 2-1601121-2<br>TAB PAIR,1.50X0.81,FINESMZ          |
| <br>TE Part # 2-284937-1<br>TAB SIAMEZE CONTACT .250" x.03 | <br>TE Part # 2310498-2<br>STD,HIGH CARRIER WIRE TO BALDE SIAMEZE | <br>TE Part # 2348501-2<br>STD RANGE WIRE TO PCB TAB SMZ TERMINAL | <br>TE Part # 4-1601112-2<br>TAB,110X032,STD SMZ WITH MULTI-BARB |

Customers Also Bought

|                                                                         |                                               |                                        |                                               |
|-------------------------------------------------------------------------|-----------------------------------------------|----------------------------------------|-----------------------------------------------|
| <br>TE Part #T4171330012-001<br>M12,FRONT MOUNT,FEMALE,A,12P, 0.2M WIRE | <br>TE Part #3-928776-2<br>MOD2 STIFT M A-PIN | <br>TE Part #1-1825139-2<br>A203TZQ04  | <br>TE Part #1-1825139-8<br>A205SYZQ04        |
| <br>TE Part #5-534206-1<br>02 MODII VRT DR CE 100/115                   | <br>TE Part #9-1393117-8<br>KUP-14A55-12=KU   | <br>TE Part #878462-000<br>S1125-KIT-1 | <br>TE Part #41974<br>SPLICE 1000-3200 CMA BR |



TE Part #AS4H06-05PN-HE  
H-E WELD MT.HERMETIC

Documents

CAD Files

3D PDF

3D

Customer View Model

ENG\_CVM\_CVM\_2348504-2\_A.2d\_dxf.zip

English

Customer View Model

ENG\_CVM\_CVM\_2348504-2\_A.3d\_igs.zip

English

Customer View Model

ENG\_CVM\_CVM\_2348504-2\_A.3d\_stp.zip

English

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

Product Specifications

Application Specification

English