



TE Internal #: 2348500-2  
Blade Receptacle, .45 – 1 mm Aluminum Wire, SIAMEZE IDC, Tin  
Plating, 7.62 mm [.3 in] Length, Reel/Carton, Aluminum Wire,  
Magnet Wire Terminals  
[View on TE.com >](#)

Terminals & Splices > Magnet Wire Terminals



Magnet Wire Terminal Type: **Blade Receptacle**  
Mating Tab Thickness: **.51 mm [ .02 in ]**  
Compatible With Cavity Size: **1601426**  
Aluminum Wire Size: **.45 – 1 mm**  
Termination Method to Wire & Cable: **SIAMEZE IDC**

Features

Product Type Features

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

Body Features

|                             |         |
|-----------------------------|---------|
| Compatible With Cavity Size | 1601426 |
|-----------------------------|---------|

Contact Features

|                               |                  |
|-------------------------------|------------------|
| Magnet Wire Terminal Type     | Blade Receptacle |
| Mating Tab Thickness          | .51 mm[.02 in]   |
| Terminal Plating Material     | Tin              |
| Contact Underplating Material | None             |
| Terminal Orientation          | Straight         |

Termination Features

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

Dimensions

|                    |                |
|--------------------|----------------|
| Terminal Height    | 7.62 mm[.3 in] |
| Aluminum Wire Size | .45 – 1 mm     |



|                                    |                |
|------------------------------------|----------------|
| Stock Thickness (Magnet Wire Side) | .51 mm[.02 in] |
|------------------------------------|----------------|

|                |                |
|----------------|----------------|
| Product Length | 7.62 mm[.3 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: JAN 2025 (247)<br>Candidate List Declared Against: JAN 2025 (247)<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

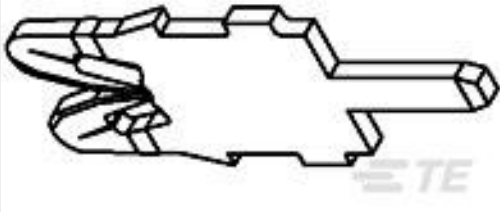
This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight 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





TE Part # 1601196-2  
WIRE2BLADE,HIGH .STD,SMZ



TE Part # 1601095-2  
131-165-014=TAB,PCB,STD,SMZ



TE Part # 2-1601196-1  
WIRE2BLADE,HIGH ,STD,SMZ



TE Part # 2348501-2  
STD RANGE WIRE TO PCB TAB SMZ  
TERMINAL



TE Part # 2348500-1  
WIRE TO BLADE SMZ TERMINAL FOR  
AL WIRE



TE Part # 1601196-3  
WIRE2BLADE,HIGH .STD,SMZ



TE Part # 1601281-3  
WIRE2BLADE,HIGH ,STD,SMZ



TE Part # 1601196-1  
WIRE2BLADE,HIGH ,STD,SMZ



TE Part # 1601196-5  
WIRE2BLADE,HIGH .STD,SMZ



TE Part # 2310498-2  
STD,HIGH WIRE TO BALDE SIAMEZE

Customers Also Bought



TE Part #38943-22L  
CONT SOC ASSY



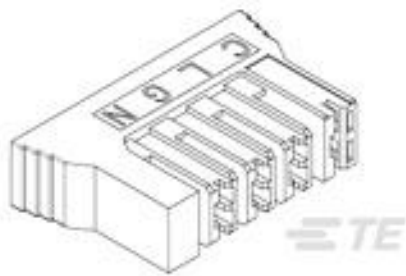
TE Part #964203-5  
STD PW TIMER CONTACT



TE Part #42111-2  
RING TONGUE TERMINAL 18-14  
AWG TPBR



TE Part #60553-1  
RING CRIMP 24-20 AWG TPBR



TE Part #521781-1  
250 HSG. PL MKIII REC. 6.81mm 4P  
NAT

Documents





Product Drawings

WIRE TO BLADE SMZ TERMINAL FOR AL WIRE

English

CAD Files

3D PDF

3D

Customer View Model

ENG\_CVM\_CVM\_2348500-2\_A.2d\_dxf.zip

English

Customer View Model

ENG\_CVM\_CVM\_2348500-2\_A.3d\_igs.zip

English

Customer View Model

ENG\_CVM\_CVM\_2348500-2\_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