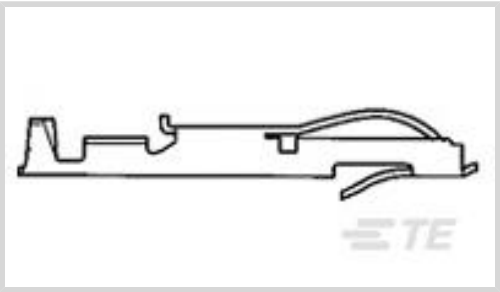


TE Internal #: 583853-4
Connector Contact, Socket, Wire-to-Board, 24 – 20 AWG Wire Size,
404 – 1020 CMA Wire Size, .2 – .6 mm² Wire Size, Gold, Loose
Piece, Wire & Cable, 5 A

[View on TE.com >](#)



Connectors > PCB Connectors > Wire-to-Board Connectors > Wire-to-Board Connector Contacts



Contact Type: **Socket**
Connector System: **Wire-to-Board**
Centerline (Pitch): **2.54 mm, 3.18 mm, 3.96 mm [.156 in]**
Wire Size: **404 – 1020 CMA**

Features

Product Type Features

| | |
|-----------------------------------|---------------|
| Connector System | Wire-to-Board |
| Connector & Contact Terminates To | Wire & Cable |

Contact Features

| | |
|--|-----------------|
| Contact Retention Within Housing | With 15 µin |
| Wire Contact Termination Area Plating Material | Tin-Lead |
| PCB Contact Termination Area Plating Material | Nickel |
| Contact Base Material | Phosphor Bronze |
| Contact Type | Socket |
| Contact Mating Area Plating Material | Gold |
| Contact Current Rating (Max) | 5 A |

Termination Features

| | |
|------------------------------------|-------|
| Termination Method to Wire & Cable | Crimp |
|------------------------------------|-------|

Mechanical Attachment

| | |
|---------------------------------------|---------------|
| Contact Retention Type Within Housing | Locking Lance |
|---------------------------------------|---------------|

Housing Features

| | |
|--------------------|------------------------------------|
| Centerline (Pitch) | 2.54 mm, 3.18 mm, 3.96 mm[.156 in] |
|--------------------|------------------------------------|

Dimensions

| | |
|--|--|
| | |
|--|--|



| | |
|--------------------------------------|-------------------------------|
| Compatible Insulation Diameter Range | 1.22 – 1.52 mm[.048 – .06 in] |
| Wire Size | .2 – .6 mm² |

Usage Conditions

| | |
|-----------------------------|---------------------------|
| Operating Temperature Range | -40 – 85 °C[-40 – 185 °F] |
|-----------------------------|---------------------------|

Operation/Application

| | |
|---------------------|----------------|
| Circuit Application | Power & Signal |
|---------------------|----------------|

Identification Marking

| | |
|-----------------------|-------|
| Wire Range Color Code | Green |
|-----------------------|-------|

Packaging Features

| | |
|--------------------|-------------|
| Packaging Quantity | 5000 |
| Packaging Method | Loose Piece |

Product Compliance

For compliance documentation, visit the product page on TE.com>

| | |
|---|---|
| EU RoHS Directive 2011/65/EU | Not Compliant |
| EU ELV Directive 2000/53/EC | Compliant with Exemptions |
| China RoHS 2 Directive MIIT Order No 32, 2016 | Restricted Materials Above Threshold |
| EU REACH Regulation (EC) No. 1907/2006 | Current ECHA Candidate List: JUNE 2023 (235) Candidate List Declared Against: JUNE 2023 (235) SVHC > Threshold: Pb (13% in Component Part) Article Safe Usage Statements: Do not eat, drink or smoke when using this product. Wash thoroughly after handling. Recycle if possible and dispose of the article by following all applicable governmental regulations relevant to your geographic location. |
| 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

TE Part # 91073-1
TW LF EXT TOOL

TE Part # 91535-1
CCII TWIN LEAF 24-20 ASSY

Customers Also Bought

TE Part #179938-1
AMP POWER DBL LOCK PLUG HSG 3P

TE Part #177915-2
AMP POWER DBL LOCK REC

TE Part #20009605-16
FX29K0-040B-0010-L

TE Part #170891-2
250 FASTON HSG, FLAG, REC, NATURAL

TE Part #1757826-5
AMPLIMITE, ASY, RCPT, FB, 90, ZN, 5

TE Part #2-2176343-9
CRGCQ 1206 2K2 1%

TE Part #1-2176343-9
CRGCQ 1206 330R 1%

TE Part #3-2176328-1
CRGP 1206 3K3 1%

TE Part #7175170001
CM-SCE-1/2-4H-4

TE Part #4-1617004-0
B07D932BC2-0348 = M5757/23-031

Documents

Product Drawings
TWIN LF CONT IS 20-24 AU
English



CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_583853-4_BR.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_583853-4_BR.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_583853-4_BR.3d_stp.zip

English

Customer View Model

ENG_CVM_583853-4_V1.3d_igs.zip

English

3D PDF

English

Customer View Model

ENG_CVM_583853-4_V1.3d_stp.zip

English

Customer View Model

ENG_CVM_583853-4_V1.2d_dxf.zip

English

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Product Specifications

Application Specification

English