

745254-6 ✓ ACTIVE

AMPLIMITE

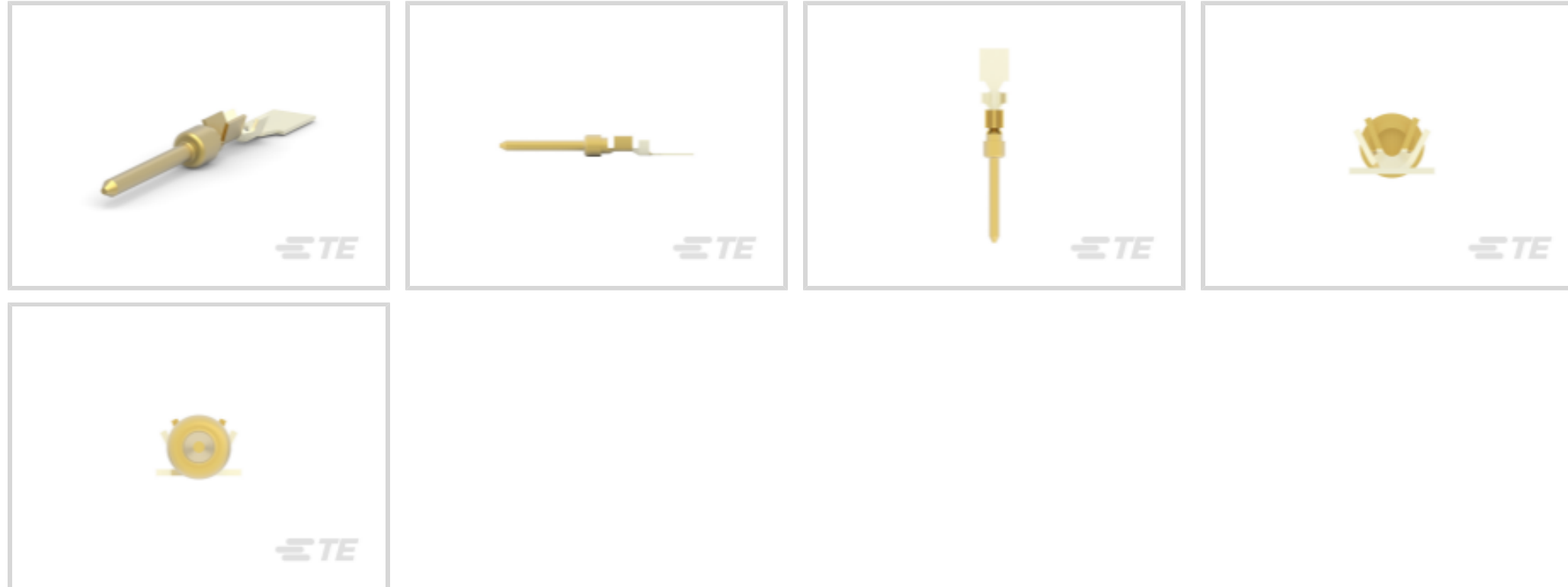
TE Internal #: 745254-6

D-Sub Connector Contacts, Pin, Contact Size Size 20, Brass, Gold, Crimp, 26 – 22 AWG Wire Size, .15 – .4 mm² Wire Size, Wire & Cable, 2 A, Signal

[View on TE.com >](#)



Connectors > D-Shaped Connectors > D-Sub Connector Contacts > D-Sub Connector Contacts: Pin, Brass, Signal, Size 20



Contact Type: **Pin**

Contact Size: **Size 20**

Contact Base Material: **Brass**

Contact Mating Area Plating Material: **Gold**

Termination Method to Wire & Cable: **Crimp**

[All D-Sub Connector Contacts: Pin, Brass, Signal, Size 20 \(50\)](#)

Features

Product Type Features

| | |
|-----------------------------------|--------------|
| Connector & Contact Terminates To | Wire & Cable |
|-----------------------------------|--------------|

Contact Features

| | |
|--------------------------------------|-----------------|
| Mating Pin Diameter | 1.02 mm[.04 in] |
| | 30 μin |
| Contact Type | Pin |
| Contact Size | Size 20 |
| Contact Base Material | Brass |
| Contact Mating Area Plating Material | Gold |
| Contact Current Rating (Max) | 2 A |

Termination Features

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

Mechanical Attachment



| | |
|---------------------------------------|---------|
| Contact Retention Type Within Housing | Snap-In |
|---------------------------------------|---------|

| | |
|-------------------------|------|
| Wire Insulation Support | With |
|-------------------------|------|

Dimensions

| | |
|--|--------|
| | .05 in |
|--|--------|

| | |
|--------------------------------------|-------------------------------|
| Compatible Insulation Diameter Range | 1.01 – 1.27 mm [.04 – .05 in] |
|--------------------------------------|-------------------------------|

| | |
|-----------|--------------------------|
| Wire Size | .15 – .4 mm ² |
|-----------|--------------------------|

Usage Conditions

| | |
|-----------------------------|-----------------------------|
| Operating Temperature Range | -55 – 105 °C [-67 – 221 °F] |
|-----------------------------|-----------------------------|

Operation/Application

| | |
|---------------------|--------|
| Circuit Application | Signal |
|---------------------|--------|

Identification Marking

| | |
|--------------------|--------|
| Contact Color Code | Yellow |
|--------------------|--------|

Packaging Features

| | |
|--------------------|------|
| Packaging Quantity | 1000 |
|--------------------|------|

| | |
|------------------|-------------|
| Packaging Method | Loose Piece |
|------------------|-------------|

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 2023 (235) Candidate List Declared Against: JUNE 2023 (235) 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



TE Part # CAT-AM71-C83998M
CPC Connectors, Series 2



TE Part # CAT-AM71-C83998BB
CPC SERIES 3



TE Part # 1579007-9
EXTRACTION TOOL



TE Part # 91285-1
INSERT/EXTRACT TOOL ASSEMBLY

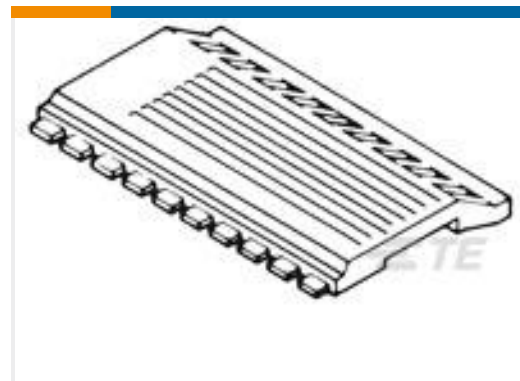


TE Part # 91525-1
CCII AMPLIMITE HDP-20 PIN SKT 26-22 ASSY

Customers Also Bought



TE Part #6609109-1
PE000DL6C M0=C7001



TE Part #102541-5
14 AMPMODU MT COVER DR .100CL



TE Part #5748078-1
SLIDELATCH KIT



TE Part #02172013-000
RVIT-Z HONEYWELL 150 DEG



TE Part #100P405-08-1-C
100P405-08-1-C



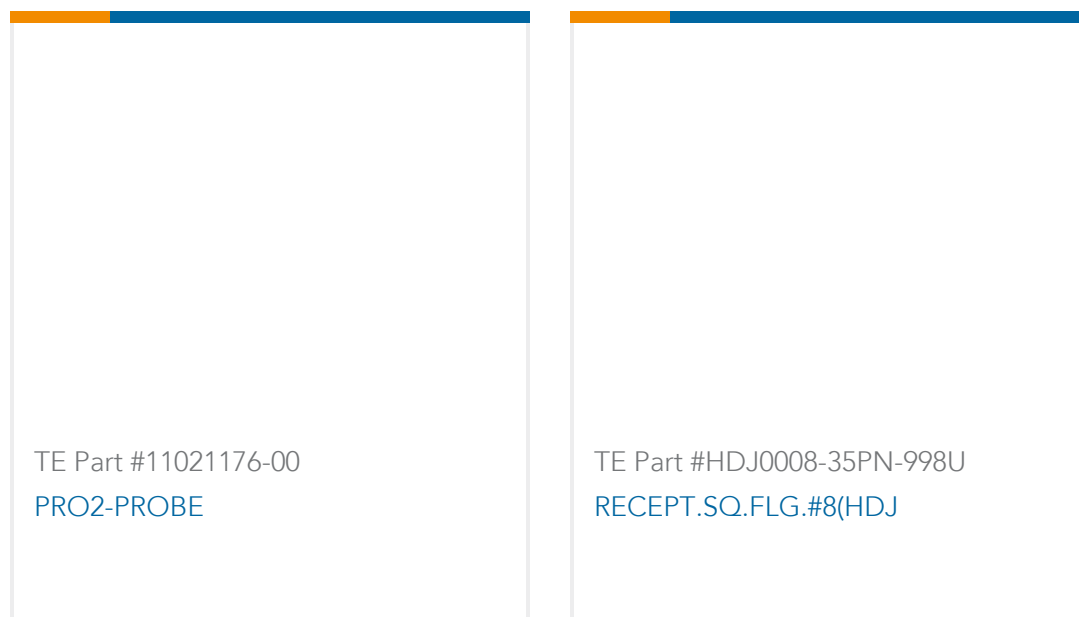
TE Part #GA5K3D146
PRO2-PROBE



TE Part #11027439-00
DISC - BTC



TE Part #11021167-00
PRO2-PROBE



Documents

Product Drawings

[20 DF PIN CONT L.P.](#)

English

CAD Files

[3D PDF](#)

3D

Customer View Model

[ENG_CVM_CVM_745254-6_AE_c-745254-6-ae.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_745254-6_AE_c-745254-6-ae.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_745254-6_AE_c-745254-6-ae.3d_stp.zip](#)

English

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

Datasheets & Catalog Pages

[AMP Circular Connectors for Commercial Signal & Power Applications](#)

English

[Signal Contacts](#)

English

[AMPLIMITE Subminiature D Connectors - Cable Connectors](#)

English

[AMPLIMITE Cable Connectors and Shielding Hardware Kits QRG](#)

English

Product Specifications

[Application Specification](#)

English

[Application Specification](#)

English

Product Environmental Compliance

[MD_745254-6_0807201352_dmtec](#)



English

[MD_745254-6_0807201352_dmtec](#)

English

Instruction Sheets

[Instruction Sheet \(U.S.\)](#)

English