

66425-8 ✓ ACTIVE

AMP | AMP Type III+

TE Internal #: 66425-8

Pin Contact, Precious Metal, Size 16 Contact Size, 30 – 26 AWG

Wire Size, .05 – .15 mm² Wire Size, Crimp, Brass, Power & Signal,

AMP Type III+

[View on TE.com >](#)



Connectors > Contacts > Connector Contacts



Contact Type: **Pin**

Contact Mating Area Plating Material: **Precious Metal**

Wire Contact Termination Area Plating Material: **Tin**

Contact Retention Within Housing: **With**

Contact Size: **Size 16**

Features

Contact Features

Mating Pin Diameter	1.57 mm[.062 in]
Contact Underplating Material Thickness	1.27 µm[50 µin]
Wire Contact Termination Area Plating Thickness	1.27 µm[50 µin]
Wire Contact Termination Area Plating Material Finish	Matte
Contact Mating Area Plating Material Thickness	.76 µm[30 µin]
Contact Orientation	Straight
Contact Underplating Material	Nickel
Contact Type	Pin
Contact Mating Area Plating Material	Precious Metal
Wire Contact Termination Area Plating Material	Tin
Contact Retention Within Housing	With
Contact Size	Size 16
Contact Base Material	Brass
Contact Current Rating (Max)	13 A



Termination Features

Termination Method to Wire & Cable	Crimp
Product Terminates To	Wire & Cable

Mechanical Attachment

Wire Insulation Support	With
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Dimensions

Compatible Insulation Diameter Range	1.02 – 1.52 mm [.04 – .06 in]
Wire Size	.05 – .15 mm ²

Usage Conditions

Operating Temperature Range	-55 – 150 °C [-67 – 302 °F]
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Operation/Application

Circuit Application	Power & Signal
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Packaging Features

Packaging Quantity	4000
Packaging Method	Reel

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) Candidate List Declared Against: JUNE 2024 (241) 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 # 796450-1
PLUG ASSY, CPC, 17-9, REV SEX



TE Part # 796188-1
SLD CPC PLUG ASSY, 23-24, STD SX



TE Part # 206150-1
CPC PLUG ASSEMBLY SIZE 23-37



TE Part # 796274-1
SLD CPC PLUG ASSY, 17-16, STD SX

Also in the Series | AMP Type III+



Connector Contacts(400)



Insertion & Extraction Tools(4)

Customers Also Bought



TE Part #1-178313-3
DYNAMIC D3100 HDR V 3P ASSY



TE Part #1-338096-1
MICRO-MATCH COSI CONTACT



TE Part #66255-2
MALE CONTACT ASSY. (STRIP)



TE Part #63699-1
ADAPTER 187 FASTON TPBR



TE Part #63646-2
187 FASTON REC 20-16 AWG TPBR



TE Part #202757-1
6 POS. FEM. BLOCK



TE Part #66602-7
III+ PIN, 18-14, 30AU/FL, SMPACK



TE Part #1546307-4
4P .374" DR BARRIER, W/WASHER

Documents

Product Drawings

III+ PIN, 30-26, 30AU/FL, STRIP

English

CAD Files

Customer View Model

ENG_CVM_CVM_66425-8_Z.2d_dxf.zip



English

[3D PDF](#)

3D

Customer View Model

[ENG_CVM_CVM_66425-8_Z.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_66425-8_Z.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

[M_SERIES_PIN_AND_SOCKET_CONNECTORS](#)

English

Product Specifications

[Application Specification](#)

English

Instruction Sheets

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

Japanese

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

English