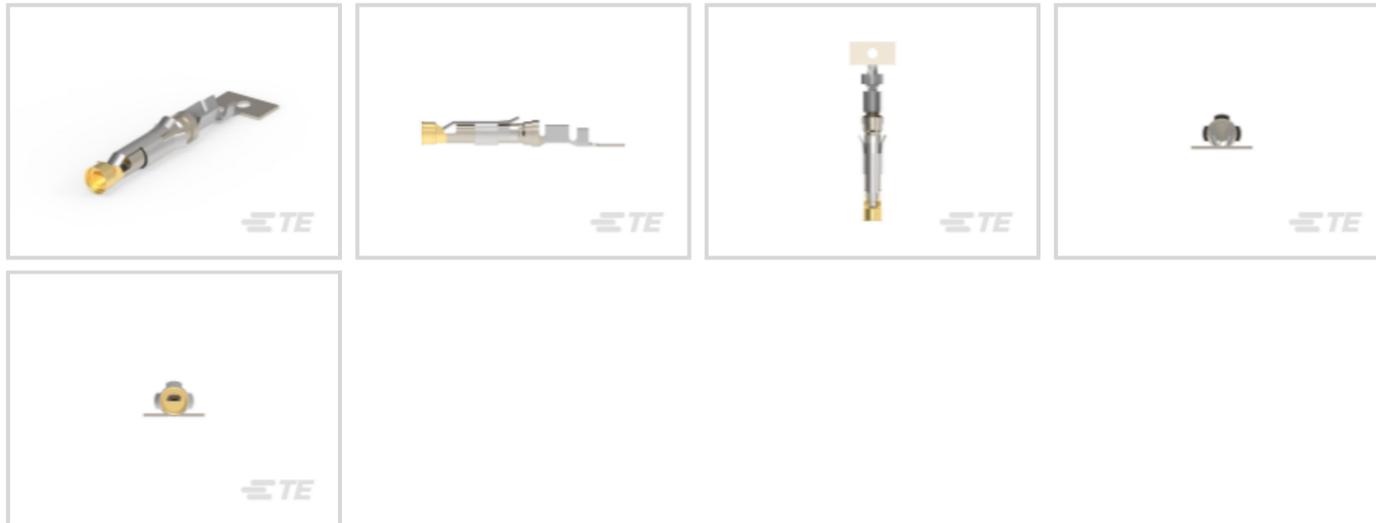# 163088-2 ✔ ACTIVE

[AMP](#) | [AMP Type III+](#)

TE Internal #: 163088-2

Socket Contact, Gold, Size 16 Contact Size, 24 – 20 AWG Wire Size,
.2 – .5 mm² Wire Size, Crimp, Brass, Power & Signal, AMP Type III+

[View on TE.com >](#)

Connectors > Contacts > Connector Contacts > Pin and Socket Contacts, Type III, LP EMEA

Contact Type: **Socket**

Contact Mating Area Plating Material: **Gold**

Wire Contact Termination Area Plating Material: **Gold Flash**

Contact Retention Within Housing: **With**

Contact Size: **Size 16**

[All Pin and Socket Contacts, Type III, LP EMEA (27)](#)

Features

Product Type Features

Discrete Wire Type	Stranded

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	.076 μm[3 μin]
Wire Contact Termination Area Plating Material Finish	Bright
Contact Mating Area Plating Material Thickness	.76 μm[30 μin]
Contact Mating Area Plating Material Finish	Bright
Contact Orientation	Straight
Contact Underplating Material	Nickel
Contact Type	Socket
Contact Mating Area Plating Material	Gold
Wire Contact Termination Area Plating Material	Gold Flash

163088-2

Socket Contact, Gold, Size 16 Contact Size, 24 – 20 AWG Wire Size, .2 – .5 mm² Wire Size, Crimp, Brass, Power & Signal, AMP Type III+

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

Dimensions

Compatible Insulation Diameter Range	1.1 – 1.8 mm[.043 – .07 in]
Wire Size	.2 – .5 mm²

Usage Conditions

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

Operation/Application

Circuit Application	Power & Signal

Identification Marking

Contact Color Code	Yellow

Industry Standards

Compatible With Agency/Standards Products	UL

Packaging Features

Packaging Quantity	200
Packaging Method	Bag

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)

163088-2

Socket Contact, Gold, Size 16 Contact Size, 24 – 20 AWG Wire Size, .2 – .5 mm² Wire
Size, Crimp, Brass, Power & Signal, AMP Type III+

	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 # 91515-1
CCII TYPE III+ MNL PIN SKT 30-20 ASSY

TE Part # 58495-2
PROCRIMPER DIE ASSY MULTIMATE

TE Part # 91505-1
CCII TYPE III+ 24-16 ASSY

TE Part # 200893-2
INSERTION TOOL CONT

TE Part # 58495-1
PRO CRIMPER ASSY MULTIMATE

TE Part # 539972-1
EXTRACTION TOOL

TE Part # 305183
EXTRACT TOOL TYPE 2 20-16

TE Part # 2063487-1
SDE TYPE III+ 0.2-2.5mm2 ASSY

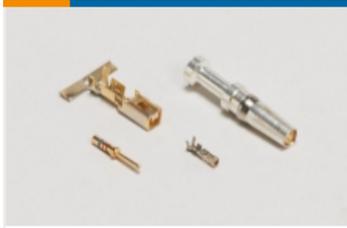TE Part # 2063487-2
SDE TYPE III+ 0.2-2.5mm2 DIE SET

TE Part # 2384426-2
SDE F TYPE III+ 0.56-0.12mm2 DIE SET

TE Part # 2384426-1
SDE F TYPE III+ 0.56-0.12mm2 ASSY

Socket Contact, Gold, Size 16 Contact Size, 24 – 20 AWG Wire Size, .2 – .5 mm² Wire Size, Crimp, Brass, Power & Signal, AMP Type III+

Also in the Series | AMP Type III+

Connector Contacts(409)

Insertion & Extraction Tools(4)

Customers Also Bought

TE Part #7-1393116-1
KUMP-11D18-12=KU

TE Part #364099-E
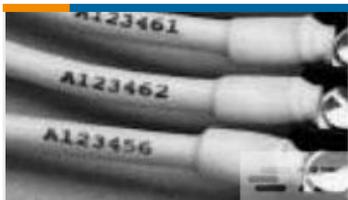DRCBTB 1,27 12 M BTB30 28,2 137 * 094 TR

TE Part #281839-7
HOUSING HE13 HE14 COSI 2X7 P

TE Part #2-2176566-5
3430 A3 1% 9R1 200ppm 1k RL

TE Part #2-2176562-9
3430 H2 1% 13R 100ppm 1k RL

TE Part #5053196443
RNF-100-1/2-0-75MM

TE Part #DTS21Y09-35PN
HERM RECP

TE Part #2456836-1
LBF-GMAO-56X19-OVERLAM-5000

TE Part #2-1102618-5
HIP-K.16/40.AG.M6

Documents

Product Drawings

LOOSE PC SOCKET TYPEIII+ CONTACT SIZE16

English

CAD Files

Customer View Model

ENG_CVM_CVM_163088-2_AD.2d_dxf.zip

163088-2

Socket Contact, Gold, Size 16 Contact Size, 24 – 20 AWG Wire Size, .2 – .5 mm² Wire Size, Crimp, Brass, Power & Signal, AMP Type III+

English

3D PDF

3D

Customer View Model

ENG_CVM_CVM_163088-2_AD.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_163088-2_AD.3d_stp.zip

English

By downloading the CAD file I accept and agree to the **Terms and Conditions** of use.

Datasheets & Catalog Pages

Circular Hybrid Connectors

English

Product Specifications

Product Specification

English