



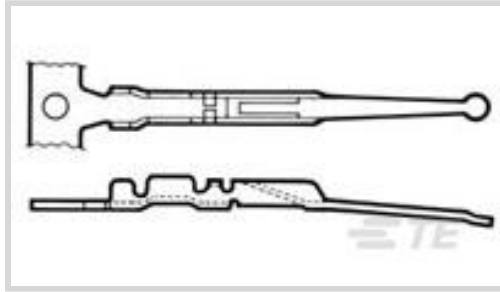
AMP

TE Internal #: 66555-2

Power Contacts, Contact, Gold, 28 – 24 AWG Wire Size, .08 – .2 mm² Wire Size, Wire-to-Wire, Wire & Cable, Crimp, Power, Socket

[View on TE.com >](#)

Connectors > Power Connectors > Power Contacts



Power Contact Type: **Contact**

Contact Mating Area Plating Material: **Gold**

Wire Size: **.08 – .2 mm²**

Connector System: **Wire-to-Wire**

Features

Product Type Features

Power Contact Type	Contact
Connector System	Wire-to-Wire
Connector & Contact Terminates To	Wire & Cable

Electrical Characteristics

Test Current	15 A
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Contact Features

Contact Mating Area Plating Material	Gold
Contact Current Rating (Max)	35 A
Contact Type	Socket
Contact Retention Within Housing	With
Mating Square Post Dimension	.64 mm[.025 in]
Contact Base Material	Copper Alloy
Contact Mating Area Plating Material Thickness	.76 μm[30 μin]
Wire Contact Termination Area Plating Thickness	.25 μm[10 μin]
Wire Contact Termination Area Plating Material	Gold
Wire Contact Termination Area Plating Material Finish	Bright
Contact Orientation	Right Angle
Contact Underplating Material	Copper

Termination Features

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Termination Method to Wire & Cable	Crimp
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Mechanical Attachment

Wire Insulation Support	With
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Dimensions

Wire Size	.08 – .2 mm ²
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Accepts Wire Insulation Diameter Range	1.25 mm [.049 in] [.049 – 1.25 in]
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Usage Conditions

Operating Temperature Range	-65 – 125 °C [-85 – 257 °F]
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Operation/Application

Circuit Application	Power
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Packaging Features

Packaging Method	Loose Piece
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Packaging Quantity	1000
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Other

Comment	Contact Plating is gold per MIL-G-45204 over nickel plate per QQ-N-290
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Product Compliance

[For compliance documentation, visit the product page on TE.com>](#)

EU RoHS Directive 2011/65/EU	Compliant
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EU ELV Directive 2000/53/EC	Compliant
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China RoHS 2 Directive MIIT Order No 32, 2016	No Restricted Materials Above Threshold
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EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2022 (224) Candidate List Declared Against: JAN 2019 (197) SVHC > Threshold: Not Yet Reviewed
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Halogen Content	Low Halogen - Br, Cl, F, I < 900 ppm per homogenous material. Also BFR/CFR/PVC Free
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Solder Process Capability	Not applicable for solder process capability
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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 # 2-2837944-1
OCEAN-2.0-APPLICATOR-S-055F0700



TE Part # 2-2837944-2
OCEAN-2.0-APPLICATOR-S-055F0700



TE Part # 2837944-1
OCEAN-2.0-APPLICATOR-S-055F0700



TE Part # 2837944-2
OCEAN-2.0-APPLICATOR-S-055F0700




TE Part # 466047-2
HDM SMPR055F0700K



TE Part # 7-2837944-1
OCEAN-2.0-APPLICATOR-S-055F0700



TE Part # 7-2837944-2
OCEAN-2.0-APPLICATOR-S-055F0700



TE Part # 7-2837944-7
OCEAN_2.0_SPARE_PART_KIT-055F0700

Customers Also Bought



TE Part #206226-1
CPC PLUG ASSEMBLY SIZE 23-7



TE Part #66102-9
III+ PIN,24-20,30AU/FL,STRIP




TE Part #66506-4
HD 20 DF PIN PLTD



TE Part #201692-4
CNTR FASTENER PLUG BLOCK,104P



TE Part #207443-1
HSG RECEPT,18 POSN,SM METRIC



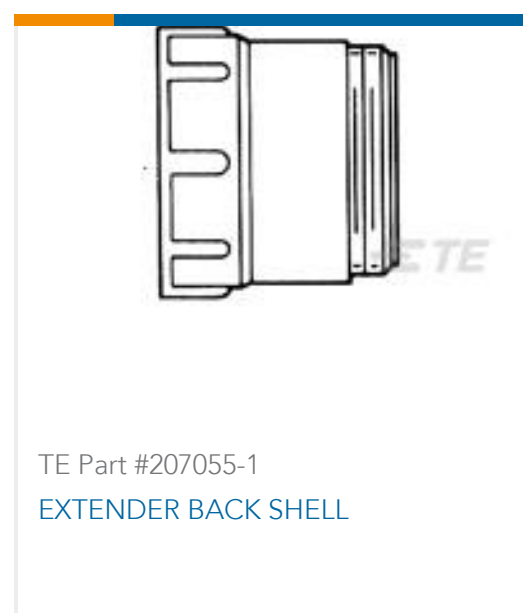
TE Part #5748676-5
DIE CAST CBL CLMP KIT,SZ 5



TE Part #202119-2
PIN HOOD



TE Part #5748678-4
2 PC PLST CBL CLMP KIT



Documents

Product Drawings

TYPE CR ACTIVE CONTACT

English

Datasheets & Catalog Pages

Products for Aerospace and Defense

English

Product Specifications

Connector, Zero Entry, Cammed Rectangular Series (CR)

English

Product Specification

English

Product Specification

Japanese

Instruction Sheets

Instruction Sheet (U.S.)

English

CR Series Standard Zero-Entry-Force 120-Position Connectors

English

Instruction Sheet (U.S.)

English

AMP CR SERIES ZERO-ENTRY-FORCE 156-POSITION CONNECTOR

English