66256-2 ✓ ACTIVE

AMP

TE Internal #: 66256-2

Power Contacts, Contact, Gold, 16 AWG / 14 – 12 AWG Wire Size, 2 – 3 mm² / 1.25 – 1.4 mm² Wire Size, Wire-to-Wire, Wire & Cable, Crimp, Power & Signal

View on TE.com >

Connectors > Power Connectors > Power Contacts

Power Contact Type: **Contact**

Contact Mating Area Plating Material: **Gold**

Wire Size: **1.25 – 1.4 mm², 2 – 3 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	35 A

Contact Features

Contact Mating Area Plating Material	Gold
Contact Current Rating (Max)	35 A
Contact Type	Tab
Mating Tab Width	5.84 mm[.23 in]
Mating Tab Thickness	2.67 mm[.105 in]
Contact Base Material	Copper
Contact Mating Area Plating Material Thickness	.76 µm[30 µin]
Wire Contact Termination Area Plating Thickness	.76 µm[30 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

Mechanical Attachment

Wire Insulation Support	With

Dimensions

Wire Size	1.25 – 1.4 mm², 2 – 3 mm²
Accepts Wire Insulation Diameter Range	3.43 – 4.06 mm[.135 – .16 in]

Usage Conditions

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

Operation/Application

Circuit Application	Power & Signal

Packaging Features

Packaging Method	Reel
Packaging Quantity	1500

Other

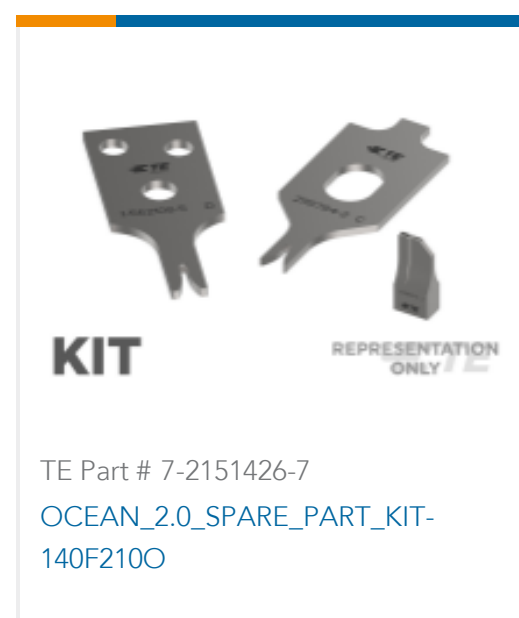|	
Wire/Cable Type	Discrete Wire
For Use With	CPC Connectors, G Series Connectors, M Series Connectors
Comment	The long pin is 0.126 inches (3.2 mm) longer than the standard pin

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 2022 (224) Candidate List Declared Against: JAN 2022 (223) SVHC > Threshold: Not Yet Reviewed
Halogen Content	Not Yet Reviewed for halogen content
Solder Process Capability	Not applicable for solder process capability

Product Compliance Disclaimer

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Compatible Parts

TE Part # 206037-2
CPC PLUG ASSEMBLY SIZE 17-3

TE Part # 90382-2
HHHT TYPE XII 16-12 ASSY

TE Part # 7-1579008-6
UNLOCKING TOOL

TE Part # 2-2151426-2
OCEAN_2.0_APPLICATOR-S-140F210O

TE Part # 2151426-2
OCEAN_2.0_APPLICATOR-S-140F210O

TE Part # 7-2151426-2
OCEAN_2.0_APPLICATOR-S-140F210O

TE Part # 7-2151426-7
OCEAN_2.0_SPARE_PART_KIT-140F210O

TE Part # 539668-2
MATRIZE TYPE 3+

Customers Also Bought

TE Part #206207-1
17-3 RECEPT. FREE-HANGING

TE Part #164164-2
PIN ASS

TE Part #1-66358-9
III+ SKT,18-14,30AU/FL,STRIP

TE Part #CTL-16-513
JUNCTION ASSY

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

TE Part #CTL-16
JUNCTION ASSY

Documents

Product Drawings
MALE CONTACT ASSY. (STRIP)

English

CAD Files
3D PDF

3D

Customer View Model
ENG_CVM_CVM_66256-2_AC.2d_dxf.zip

English

Customer View Model
ENG_CVM_CVM_66256-2_AC.3d_igs.zip

English

Customer View Model
ENG_CVM_CVM_66256-2_AC.3d_stp.zip

English

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Datasheets & Catalog Pages
AMP Circular Connectors for Commercial Signal & Power Applications

English

Power Contacts

English

M_SERIES_PIN_AND_SOCKET_CONNECTORS

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Products for Aerospace and Defense

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Product Specifications
Application Specification

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