

# BACA-AMP-241 ✓ ACTIVE

## AMP SLIM

TE Internal #: 1909784-1

Connector Contact, Socket, Wire-to-Board, 30 – 28 AWG Wire Size,  
.05 – .08 mm<sup>2</sup> Wire Size, Gold Flash, Reel, Wire & Cable, 2 A,  
Signal, AMP SLIM

[View on TE.com >](#)



Connectors > PCB Connectors > Wire-to-Board Connectors > Wire-to-Board Connector Contacts



Contact Type: **Socket**

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

Wire Size: **.05 – .08 mm<sup>2</sup>**

Contact Mating Area Plating Material: **Gold Flash**

### Features

#### Product Type Features

Connector System	Wire-to-Board
Connector & Contact Terminates To	Wire & Cable

#### Configuration Features

Compatible With Wire & Cable Type	Discrete Wire
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#### Electrical Characteristics

Operating Voltage	50 VAC
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#### Contact Features

Mating Tab Width	1.06 mm[.041 in]
Mating Tab Thickness	.2 mm[.008 in]
Wire Contact Termination Area Plating Material	Nickel
Contact Base Material	Phosphor Bronze
Contact Type	Socket
Contact Mating Area Plating Material	Gold Flash
Contact Current Rating (Max)	2 A



**Termination Features**

Termination Method to Wire & Cable	Crimp
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**Mechanical Attachment**

Connector Mounting Type	Cable Mount (Free-Hanging)
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**Dimensions**

Wire Size	.05 – .08 mm <sup>2</sup>
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**Usage Conditions**

Operating Temperature Range	-25 – 105 °C[-13 – 221 °F]
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**Operation/Application**

Circuit Application	Signal
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**Packaging Features**

Packaging Quantity	20000
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 2023 (235) Candidate List Declared Against: JAN 2022 (223) 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 # 2-2151977-1  
OC-PA-S-FM-032F033F-001-0128



TE Part # 2-2151977-2  
OC-PA-S-FA-032F033F-001-0128



TE Part # 2151977-1  
OC-AT-S-FM-032F033F-001-0128



TE Part # 2151977-2  
OC-AT-S-FA-032F033F-001-0128




**KIT** REPRESENTATION ONLY

TE Part # 7-2151977-7  
OC-032F033F-CRIMPTOOLINGKIT


## Also in the Series | AMP SLIM



PCB Headers & Receptacles(5)



Wire-to-Board Connector Assemblies & Housings(5)



Wire-to-Board Connector Contacts(1)

## Customers Also Bought



TE Part #1-1318119-3  
DYNAMIC D-2100 REC HSG 6P



TE Part #440129-4  
2.0MM,HSG,4POS



TE Part #1-154719-0  
PL 250 REC HSG 1P NYLON NAT



TE Part #1909783-3  
WIRE TO BOARD HOUSING 1.2MM TOP ENTRY



TE Part #1909783-5  
WIRE TO BOARD HOUSING 1.2MM  
TOP ENTRY



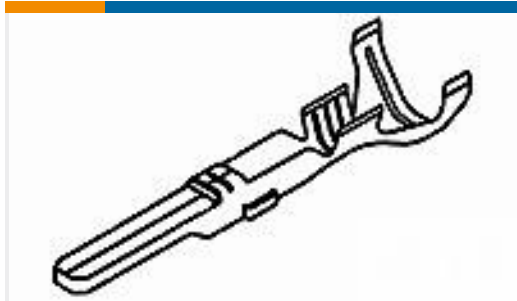
TE Part #1909783-2  
WIRE TO BOARD HOUSING 1.2MM  
TOP ENTRY



TE Part #1909783-1  
WIRE TO BOARD HOUSING 1.2MM  
TOP ENTRY



TE Part #5-965908-1  
MQS, RECEPTACLE AND TAB



TE Part #171631-1  
E-J MK-2 070 TAB CONT

## Documents

### Product Drawings

[WIRE TO BOARD TERMINAL 1.2MM TOP ENTRY](#)

English

### CAD Files

[3D PDF](#)

3D

Customer View Model

[ENG\\_CVM\\_CVM\\_1909784-1\\_B2.2d\\_dxf.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_1909784-1\\_B2.3d\\_igs.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_1909784-1\\_B2.3d\\_stp.zip](#)

English

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

### Product Specifications

[Application Specification](#)

English