



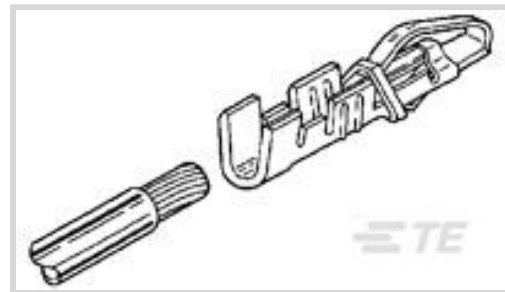
AMP-LEAF

TE Internal #: 583361-3

Connector Contact, Socket, Wire-to-Board, 22 – 18 AWG Wire Size, 642 – 1624 CMA Wire Size, .3 – .9 mm² Wire Size, Gold, Strip, Wire & Cable, 5 A

[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: **.3 – .9 mm²**

Features

Product Type Features

Double Wire Insulation Diameter	3.05 mm[.12 in]
Connector System	Wire-to-Board
Sealable	No
Connector & Contact Terminates To	Wire & Cable

Electrical Characteristics

Insulation Resistance	5000 MΩ
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Contact Features

Contact Retention Within Housing	With
Wire Contact Termination Area Plating Material	Gold Flash
	30 μin
Contact Underplating Material	Nickel
PCB Contact Termination Area Plating Material	Gold Flash
Contact Base Material	Phosphor Bronze
Contact Type	Socket
Contact Mating Area Plating Material	Gold
Contact Current Rating (Max)	5 A

Termination Features

Termination Method to Wire & Cable	Crimp
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Mechanical Attachment

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Contact Retention Type Within Housing	Locking Lance
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Wire Insulation Support	With
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Dimensions

Accepts Wire Insulation Diameter Range	1.4 – 2.03 mm [.055 – .08 in]
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Wire Size	.3 – .9 mm ²
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Usage Conditions

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

Circuit Application	Power & Signal
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Packaging Features

Packaging Quantity	6000
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Packaging Method	Strip
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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 2022 (223) 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 # 2305570-1
TERMINAL CUTTER, SIDE FEED



TE Part # 2-2266429-1
OC-PA-S-FM-062F090F-001-0426



TE Part # 2-2266429-2
OC-PA-S-FA-062F090F-001-0426



TE Part # 2-2266599-1
OC-PA-S-FM-062F090F-752-0426



TE Part # 2-2266599-2
OC-PA-S-FA-062F090F-752-0426



TE Part # 2266429-1
OC-AT-S-FM-062F090F-001-0426



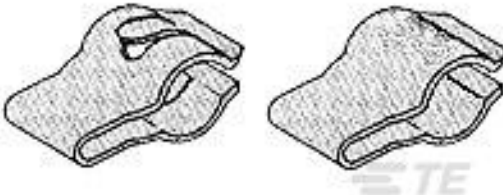
TE Part # 2266429-2
OC-AT-S-FA-062F090F-001-0426



TE Part # 2266599-1
OC-AT-S-FM-062F090F-752-0426



TE Part # 2266599-2
OC-AT-S-FA-062F090F-752-0426



TE Part # 66092-1
AMP-LEAF COM SPG 1/16 AU



KIT REPRESENTATION ONLY

TE Part # 7-2266429-7
OC-062F090F-CRIMPTOOLINGKIT



KIT REPRESENTATION ONLY

TE Part # 7-2266599-7
OC-110F220F-CRIMPTOOLINGKIT

Customers Also Bought



TE Part #207463-1
CRIMP SNAP RCPT ASSY,SZ 3



TE Part #5747840-6
HD-20 PLUG RA .318 FMS BD-LK S



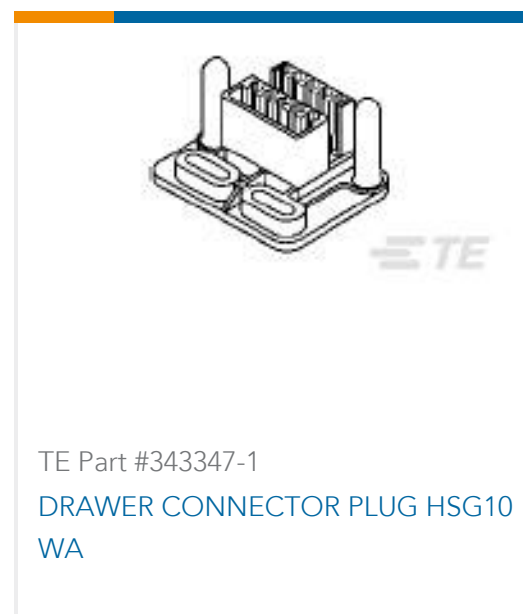
TE Part #204370-2
PIN CONTACT,Sz22D,22-28 AWG



TE Part #38941-22L
CONTACTS



TE Part #6-2176397-6
3502 510R 1%



TE Part #343347-1
DRAWER CONNECTOR PLUG HSG10
WA



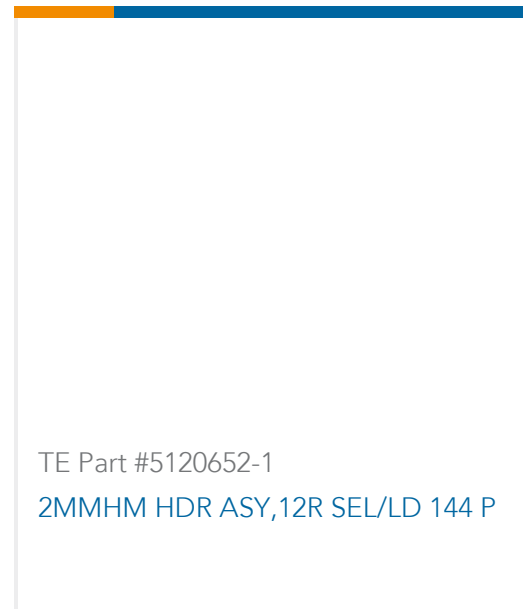
TE Part #1452158-1
MQS1,5 Sn rec CB unseal. 0,35-0,5
WA



TE Part #1-1393774-2
V23026A1004B201



TE Part #204505-1
AMPLIMITE,ASY,PLUG,STD,90,3



TE Part #5120652-1
2MMHM HDR ASY,12R SEL/LD 144 P

Documents

Product Drawings

[CONT AMP LF](#)

English

[CONT AMP LF](#)

English

CAD Files

[3D PDF](#)

3D

Customer View Model

[ENG_CVM_CVM_583361-3_DH_c-583361-3-dh.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_583361-3_DH_c-583361-3-dh.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_583361-3_DH_c-583361-3-dh.3d_stp.zip](#)

English

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

Datasheets & Catalog Pages

[POWER_CONNECTORS_CATALOG_SEC02_CABLE_MOUNTED](#)

English

Product Specifications

[Application Specification](#)

English



Application Specification

Japanese

AMP-LEAF Contact

English

Application Specification

Japanese

AMP-LEAF Contacts

Japanese