770854-1 ✓ ACTIVE

AMP | **AMPSEAL**

TE Internal #: 770854-1

Automotive Terminals, Socket, Pin Diameter 1.3 mm [.051 in], 16 – 20 AWG Wire Size, .5 – 1.5 mm² Wire Size, Family Seal, AMPSEAL

View on TE.com >

Terminal Type: **Socket**

Mating Pin Diameter: **1.3 mm [.051 in]**

Terminal Transmits: **0 – 24 A (Low Power)**

Wire Size: **.5 – 1.5 mm²**

All AMPSEAL Crimp Contacts: 1.3 mm (8)

Features

Product Type Features

Receptacle Style	180°
Sealable	No
Primary Locking Feature	On the Terminal

Body Features

Terminal Seal Type	Family Seal

Contact Features

Contact Size	1.3mm
Contact Fabrication	Stamped & Formed
Typical Current Rating	8 A
Crimp Type	F-Crimp
Terminal Type	Socket
Mating Pin Diameter	1.3 mm[.051 in]
Interface Plating	Tin (Sn)

Termination Features

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Termination Method to Wire & Cable	Crimp
Product Terminates To	Wire

Dimensions

Compatible Insulation Diameter Range	1.7 – 2.7 mm[.067 – .106 in]
Wire Size	.5 – 1.5 mm²
Wire Size Search	16 AWG, 18 AWG, 20 AWG

Usage Conditions

Insulation Option	Uninsulated
Operating Temperature (Max)	125 °C[257 °F]
Operating Temperature Range	-40 – 125 °C[-40 – 257 °F]

Operation/Application

Compatible With Wire Base Material	Copper

Packaging Features

Packaging Quantity	1000
Packaging Method	Bag

Other

Terminal Transmits	0 – 24 A (Low Power)

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) 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 reviewed for solder process capability

Product Compliance Disclaimer

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Automotive Terminals, Socket, Pin Diameter 1.3 mm [.051 in], 16 – 20 AWG Wire Size, .
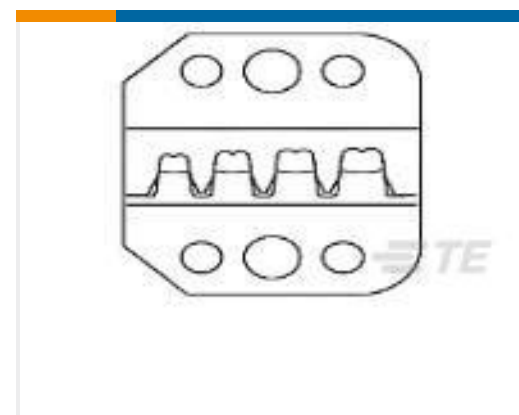5 – 1.5 mm² Wire Size, Family Seal, AMPSEAL

Compatible Parts

TE Part # CAT-AM78-CH8172

AMPSEAL Receptacle Housings

TE Part # 58529-1

PRO-CRIMPER III TOOL AMPSEAL
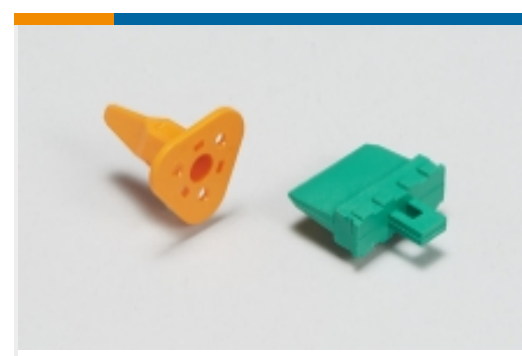

TE Part # 58529-2

PROCRIMP DIE AMPSEAL

TE Part # 2217748-1

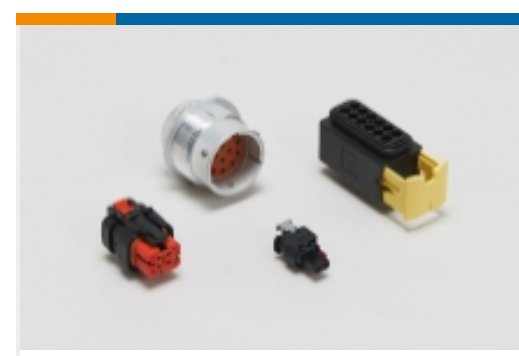CCII AMPSEAL CONT 20-16 ASSY

Also in the Series | AMPSEAL
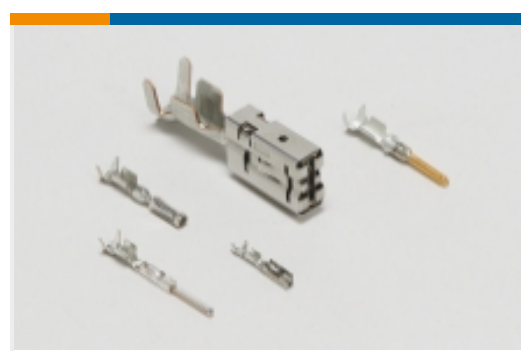

Automotive Connector Caps & Covers (5)

Automotive Connector Locks & Position Assurance(1)

Automotive Housings(31)
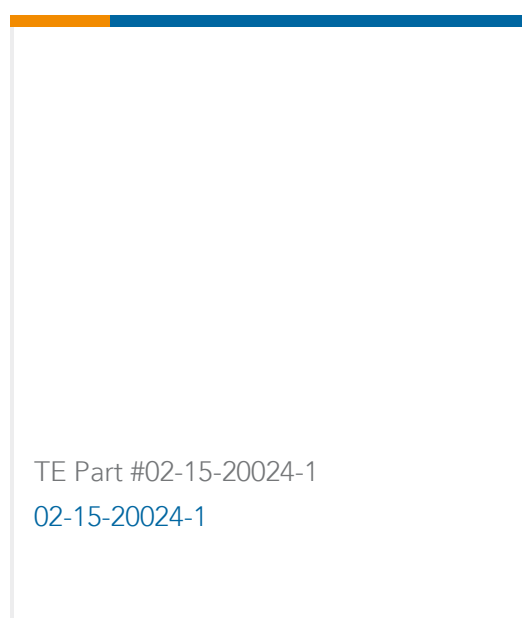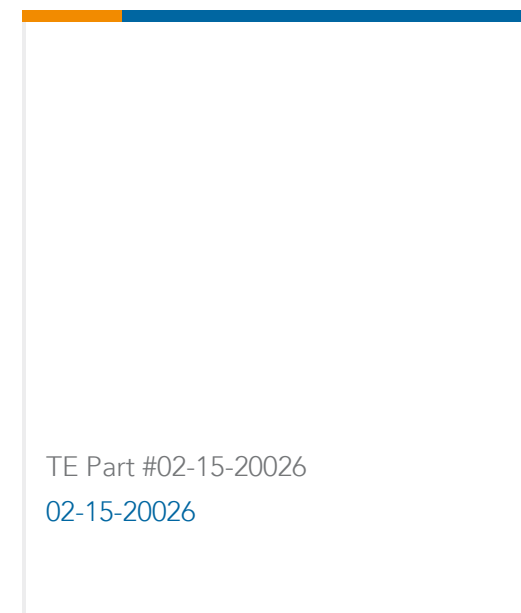

Automotive Seals & Cavity Plugs(1)

Automotive Terminals(8)

PCB Headers & Receptacles(116)

Customers Also Bought

Automotive Terminals, Socket, Pin Diameter 1.3 mm [.051 in], 16 – 20 AWG Wire Size, .
5 – 1.5 mm² Wire Size, Family Seal, AMPSEAL

TE Part #776286-1	TE Part #4-1622825-4	TE Part #58529-2	TE Part #2-2176403-4
AMPSEAL Receptacle Housings	RL73K 3A R18 5% 4K RL	PROCRIMP DIE AMPSEAL	3550 9R1 1%
TE Part #TCD14741111-040	TE Part #2-2208876-5	TE Part #4194036001	TE Part #02-15-20026
M12D4-MS-RJ-PVC-22SH-TYPE B GREEN-4.0M	HV,CHARGE INLET TYPE1,HYB ASSY	RNF-3000-R-6/2-4	02-15-20026
TE Part #02-15-20024-1			
02-15-20024-1			

Documents

Product Drawings
CONTACT, AMPSEAL SN/LP

English

CAD Files
Customer View Model
ENG_CVM_770854-1_O1.3d_igs.zip

English

Customer View Model
ENG_CVM_770854-1_O1.3d_stp.zip

English

Customer View Model
ENG_CVM_770854-1_O1.2d_dxf.zip

English

3D PDF

English

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

Datasheets & Catalog Pages

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AMPSEAL Connector Catalog

English

ICT Terminals and Connectors Catalogue

English

CONNECTOR SELECTOR

English

Product Specifications

Application Specification

English