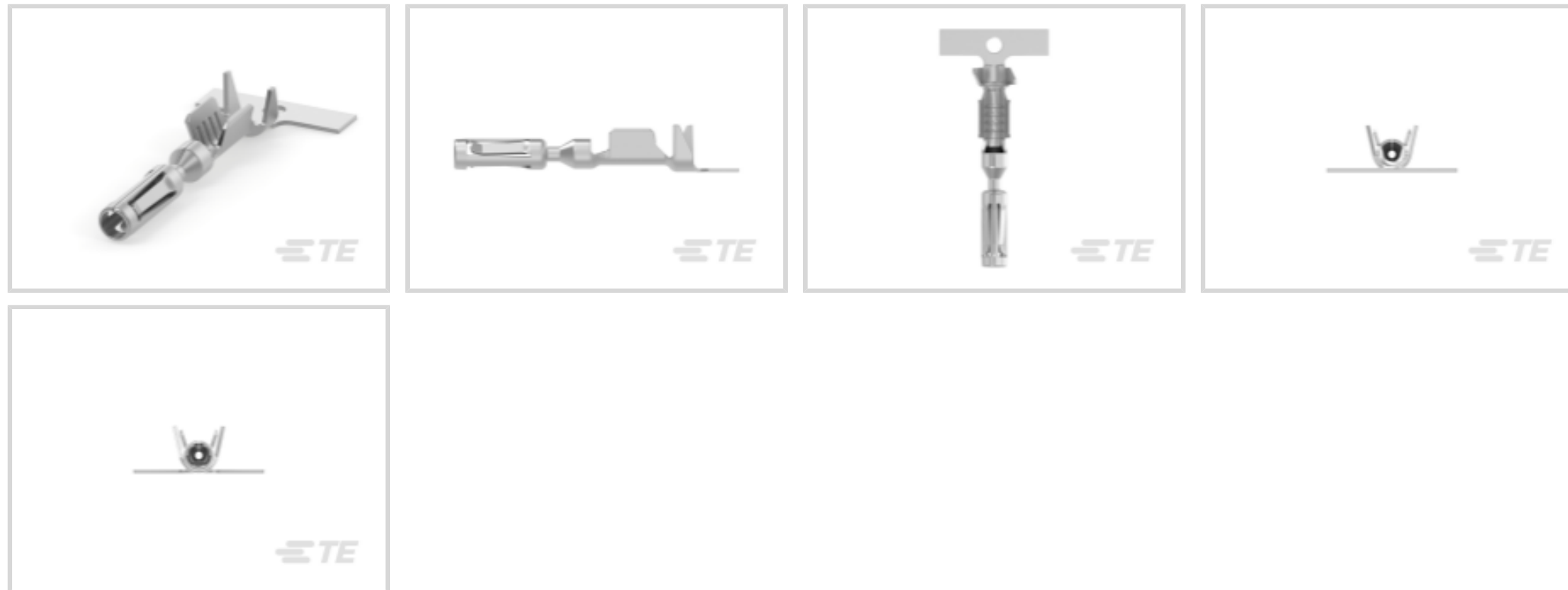# 770520-5 ✓ ACTIVE

AMP | AMPSEAL

TE Internal #: 770520-5

Automotive Terminals, Socket, Pin Diameter 1.3 mm [.051 in], 20 – 22 AWG Wire Size, .35 – .5 mm² Wire Size, Family Seal, AMPSEAL

View on TE.com >

Terminals & Splices > Automotive Terminals > AMPSEAL Crimp Contacts: 1.3 mm

Terminal Type: **Socket**

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

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

Wire Size: **.35 – .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
Wire Contact Termination Area Plating Material	Tin
Typical Current Rating	11 A
Crimp Type	F-Crimp
Terminal Type	Socket
Mating Pin Diameter	1.3 mm[.051 in]
Interface Plating	Tin (Sn)

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Automotive Terminals, Socket, Pin Diameter 1.3 mm [.051 in], 20 – 22 AWG Wire Size, .
35 – .5 mm² Wire Size, Family Seal, AMPSEAL

Termination Features

Termination Method to Wire & Cable	Crimp
Product Terminates To	Wire

Dimensions

Compatible Insulation Diameter Range	1.4 – 1.8 mm[.055 – .07 in]
Wire Size	.35 – .5 mm²
Wire Size Search	20 AWG, 22 AWG

Usage Conditions

Insulation Option	Uninsulated
Operating Temperature (Max)	105 °C[221 °F]
Operating Temperature Range	-40 – 105 °C[-40 – 221 °F]

Packaging Features

Packaging Quantity	5000
Packaging Method	Reel

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

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

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Automotive Terminals, Socket, Pin Diameter 1.3 mm [.051 in], 20 – 22 AWG Wire Size, .
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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 # CAT-AM78-CH8172

AMPSEAL Receptacle Housings

TE Part # 2837821-1

OCEAN-2.0-APPLICATOR-S-070F090O

TE Part # 2837821-2

OCEAN-2.0-APPLICATOR-S-070F090O
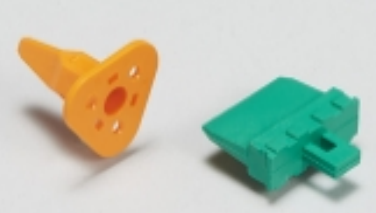

TE Part # 7-2837821-2

OCEAN-2.0-APPLICATOR-S-070F090O

TE Part # 7-2837821-7

OCEAN_2.0_SPARE_PART_KIT-070F090O
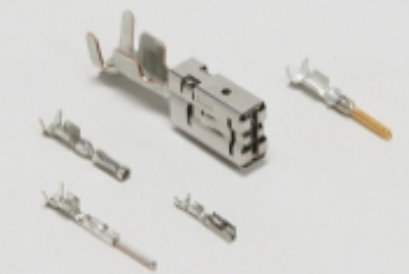

TE Part # 2396182-1

CCII HAND TOOL

Also in the Series | AMPSEAL

Automotive Connector Locks & Position Assurance(1)

Automotive Housings(31)
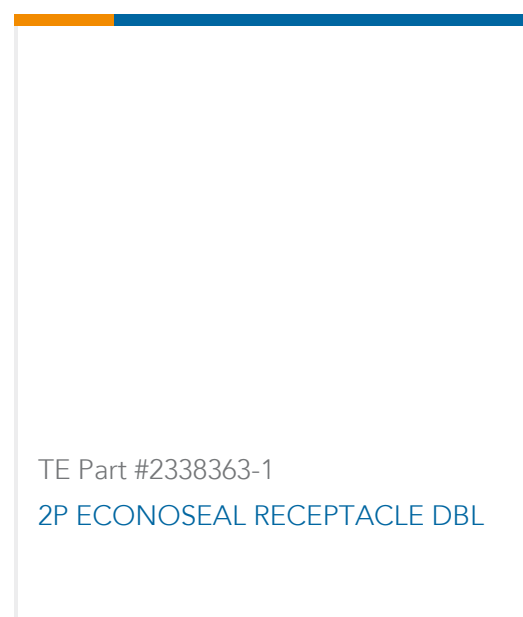

Automotive Terminals(8)

Connector Backshells(4)

Connector Seals & Cavity Plugs(2)

PCB Headers & Receptacles(115)

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Automotive Terminals, Socket, Pin Diameter 1.3 mm [.051 in], 20 – 22 AWG Wire Size, .35 – .5 mm² Wire Size, Family Seal, AMPSEAL

Customers Also Bought

TE Part #1394871-1

MQS DICHTSTOPFEN

TE Part #171630-1

E-J MK-2 070 REC CONT

TE Part #5-965906-1

MQS0,63 Sn rec LL EDS 0,5-0,75

TE Part #638652-2

RECEPT,1.5MM,TIN 18-20AWG RD=1

TE Part #1719668-1

2.LOCK REC HSG

TE Part #2112228-1

PROTECTION CAP,TE

TE Part #2338360-1

2P ECONOSEAL RECEPTACLE ASSY

TE Part #2822352-2

070 TYPE RUBBER PLUG

TE Part #9-2363287-9

48 POS MIXED REC HSG BN

TE Part #2338363-1

2P ECONOSEAL RECEPTACLE DBL

Documents

Product Drawings

AMPSEAL,TERMINAL,TIN PLATE,20-22AWG WIRE

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_770520-5_R.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_770520-5_R.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_770520-5_R.3d_stp.zip

English

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Automotive Terminals, Socket, Pin Diameter 1.3 mm [.051 in], 20 – 22 AWG Wire Size, .
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Product Specifications

Application Specification

English