

# AMPSEAL CONTACTS

AMP | AMPSEAL

TE Model # CAT-AM78-T273

TE Internal #: CAT-AM78-T273

[View on TE.com >](#)



**AMPSEAL three beam contacts are lanceless, stamped & formed contacts.**



Terminals & Splices > Automotive, Truck, Bus, & Off-Road Terminals

AMPSEAL contacts are 1.3 mm stamped & formed sockets. They are made of copper alloy and are plated with either tin (up to 8 amps) or gold (up to 17 amps). These contacts accept 16-20 AWG (1.5 - 0.50 mm<sup>2</sup>) wire.



Terminal & Splice Type: **Socket**

Mating Pin Diameter: **1.3 mm**

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

Wire Size: **.5 - 1.5 mm<sup>2</sup>**

[AMPSEAL \(1.3 mm\) Contact Crimping Instructions \(English\)](#)

Learn how to crimp our AMPSEAL (1.3 mm) contacts. Watch this video for step-by-step instructions on crimping the contacts using hand tools.

## Additional AMPSEAL Products

[VIEW ALL AMPSEAL PRODUCTS](#)

AMPSEAL connectors provide rugged reliability and environmental sealing. They are available in cable plugs and PCB mount headers that are designed to stand up to high-temperature underhood applications.

## Features

### Product Type Features

Sealable

No

### Contact Features

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Typical Current Rating (A)	17
Crimp Type	F-Crimp
Terminal & Splice Type	Socket
Mating Pin Diameter (mm)	1.3
Mating Pin Diameter (in)	.051
Interface Plating	Gold (Au), Tin (Sn)

### Termination Features

Termination Method	Crimp
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### Dimensions

Wire Size (AWG)	16 - 20
Wire Size (mm <sup>2</sup> )	.5 - 1.5
Wire Size Search (AWG)	15, 16, 17, 18, 19, 20
Wire Size Search (mm <sup>2</sup> )	.5, .6, .75, .85, 1, 1.25, 1.3, 1.5

### Usage Conditions

Operating Temperature Range (°C)	-40 - 125
Operating Temperature Range (°F)	-40 - 125

### Other

Terminal Transmits	0 - 24 A (Low Power)
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SEE PRODUCTS ON NEXT PAGE

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## Products (1 of 1)



CONTACT, AMPSEAL SN/LP



AMPSEAL, TERMINAL, FAM SLD, CB



AMPSEAL, TERMINAL, FAM SLD, CB



CONTACT, AMPSEAL AU L/P

TE Part #	770854-1	770520-3	770520-1	770854-3
Wire Size Search	16 AWG, 17 AWG, 18 AWG, 19 AWG, 20 AWG	15 AWG, 16 AWG, 17 AWG, 18 AWG, 19 AWG, 20 AWG	15 AWG, 16 AWG, 17 AWG, 18 AWG, 19 AWG, 20 AWG	16 AWG, 17 AWG, 18 AWG, 19 AWG, 20 AWG
Interface Plating	Tin (Sn)	Gold (Au)	Tin (Sn)	Gold (Au)
EU RoHS Directive 2011/65 /EU	EU RoHS Compliant	EU RoHS Compliant	EU RoHS Compliant	EU RoHS Compliant
EU ELV Directive 2000/53 /EC	EU ELV Compliant	EU ELV Compliant	EU ELV Compliant	EU ELV Compliant
Product Families	AMP	AMP	AMP	AMP
Series	AMPSEAL	AMPSEAL	AMPSEAL	AMPSEAL

### \*EU RoHS Directive 2011/65/EU

These products comply with the substance restrictions of the Restriction on Hazardous Substances Directive 2011/65/EU (RoHS2). The RoHS2 Directive requires that certain electrical and electronic equipment products do not contain mercury, cadmium, hexavalent chromium, PBB, PBDE, lead, DEHP, BBP, DBP and DIBP above defined thresholds. Products indicated as 'Compliant' do not contain any of these substances above the prohibition thresholds. Finished electrical and electronic equipment products will be CE marked as required by the Directive. Components may not be CE marked.

### \*\*EU ELV Directive 2000/53/EC

These products comply with the substance restrictions of the End of Life Vehicles Directive 2000/53/EC (ELV). The ELV Directive requires that materials and components of vehicles do not contain mercury, cadmium, hexavalent chromium, and lead above defined thresholds. Products indicated as 'Compliant' do not contain any of these substances above the prohibition thresholds.

## Related Materials

### Catalog

#### [AMPSEAL Connector Series \(English\)](#)

AMPSEAL connectors are designed for cable-to-board harsh environment applications. Environmentally sealed for rugged reliability, these connectors are available in cable plugs and PCB mount headers engineered to withstand extreme temperature and moisture, including high-temperature underhood applications.

English

### Product Specifications

#### [AMPSEAL Connectors Product Specifications \(English\)](#)

This specification covers performance tests and quality requirements for AMPSEAL connectors.

English

### Application Specifications

#### [AMPSEAL Connectors Application Specifications \(English\)](#)

This specification covers the requirements for the application of the AMPSEAL plug connector and header assembly.

English

### Connector Selector

#### [Connector Selector \(English\)](#)

The Connector Selector is a reference guide to TE Connectivity's (TE) Industrial & Commercial Transportation electrical connectors.

English

### Flipbook Catalog

#### [Industrial & Commercial Transportation - Terminals and Connectors \(English\)](#)

TE's Industrial & Commercial Transportation Terminals and Connectors flipbook catalog features AMPSEAL, AMPSEAL 16, Circular DIN, DEUTSCH, HDSCS, LEAVYSEAL, and Superseal 1.0 connectors, contacts, tools, and accessories.

English

## Also in the Series | AMPSEAL



Automotive Connector  
Caps & Covers(5)



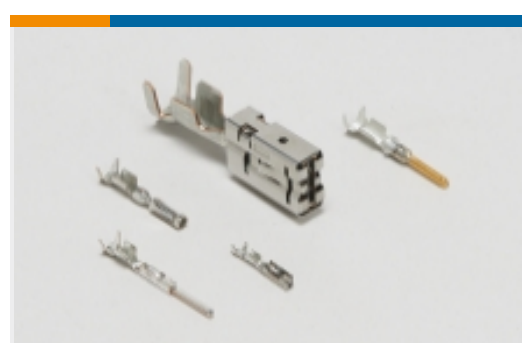
Automotive Seals & Cavity  
Plugs(1)



Automotive, Truck, Bus, &  
Off-Road Headers(111)



Automotive, Truck, Bus, &  
Off-Road Housings(16)



Automotive, Truck, Bus, &  
Off-Road Terminals(4)

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