



Terminals & Splices > Automotive Terminals > AMP MCP, SFC, RECEPTACLE



Terminal Type: **Receptacle**

Mating Tab Width: **1.5 mm [.059 in]**

Mating Tab Thickness: **.6 mm [.024 in]**

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

Wire Size: **22 – 20 AWG**

[All AMP MCP, SFC, RECEPTACLE \(19\)](#)

Features

Product Type Features

Receptacle Style	180°
Sealable	No
Primary Locking Feature	Clean Body

Contact Features

Contact Size	1.5mm
Contact Fabrication	Stamped & Formed
Wire Contact Termination Area Plating Material	Gold
Typical Current Rating	11 A
Crimp Type	F-Crimp
Terminal Type	Receptacle
Mating Tab Width	1.5 mm[.059 in]
Mating Tab Thickness	.6 mm[.024 in]
Interface Plating	Gold (Au)



Termination Features

Termination Method to Wire & Cable	Crimp
Product Terminates To	Wire

Dimensions

Compatible Insulation Diameter Range	1.2 – 1.6 mm [.047 – .063 in]
Wire Size	.35 – .5 mm ²
Wire Size Search	20 AWG, 21 AWG, 22 AWG

Usage Conditions

Insulation Option	Uninsulated
Operating Temperature (Max)	80 °C, 85 °C, 90 °C, 100 °C, 105 °C, 110 °C, 120 °C, 125 °C, 130 °C, 140 °C, 145 °C, 150 °C [176 °F] [185 °F] [194 °F] [212 °F] [221 °F] [230 °F] [248 °F] [257 °F] [266 °F] [284 °F] [293 °F] [302 °F]
Operating Temperature Range	-40 – 150 °C [-40 – 302 °F]

Operation/Application

Compatible With Wire Base Material	Copper
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Industry Standards

Compatible With Agency/Standards Products	LV214
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Packaging Features

Packaging Quantity	7000
Packaging Method	Reel

Other

Terminal Transmits	0 – 24 A (Low Power)
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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 2024 (241) Candidate List Declared Against: JUNE 2024 (241)



Does not contain REACH SVHC

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 # 1801178-1 3W RECEPTACLE HP CONNECTOR BLACK	 TE Part # 1801176-1 2W RECEPTACLE HPSL CONNECTOR BLACK	 TE Part # 1-1801178-3 3W RECEPTACLE HP CONNECTOR GREY	 TE Part # 1801174-1 2W TAB HP CONNECTOR BLACK GREY
 TE Part # 1-1801175-1 2W RECEPTACLE HP CONNECTOR BLACK	 TE Part # 1801175-5 2W RECEPTACLE HP CONNECTOR GREEN	 TE Part # 1801174-4 2W TAB HP CONNECTOR YELLOW	 TE Part # 1801177-4 3W TAB CONNECTOR HP YELLOW
 TE Part # 1801175-7 2W RECEPTACLE HP CONNECTOR WHITE	 TE Part # 1801177-1 3W TAB CONNECTOR HP BLACK	 TE Part # 1801179-1 3W RECEPTACLE HPSL CONNECTOR BLACK	 TE Part # 1801175-3 2W RECEPTACLE HP CONNECTOR GREY



TE Part # 1801175-1
2W RECEPTACLE HP CONNECTOR
BLACK

TE Part # 1-1801175-3
2W RECEPTACLE HP CONNECTOR
GREY

TE Part # 1-1801175-4
2W RECEPTACLE HP CONNECTOR
YELLOW

TE Part # 1-1801175-5
2W RECEPTACLE HP CONNECTOR
GREEN

TE Part # 1-1801175-6
2W RECEPTACLE HP CONNECTOR
BROWN

TE Part # 1-1801175-9
2W RECEPTACLE HP CONNECTOR
ORANGE

TE Part # 1-1801178-1
3W RECEPTACLE HP CONNECTOR
BLACK

TE Part # 1-1801178-2
3W RECEPTACLE HP CONNECTOR
BLUE

Also in the Series | **Sensor Flat Contact System**

Automotive Connector Caps & Covers
(9)

Automotive Housings(42)

Automotive Terminals(18)

Insertion & Extraction Tools(7)

Customers Also Bought

TE Part #1456968-3
CONTACT,FEMALE, 0.64, 20 TO 22
AWG, AG

TE Part #2294463-3
MCON 1.2 CB TAB MONO

TE Part #2301238-1
DTB PLUG HSG ASSY, 49POSN.,
FAKRA TYPE

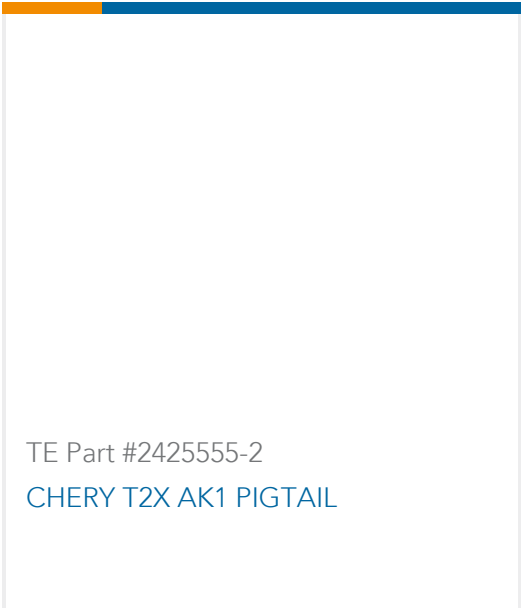
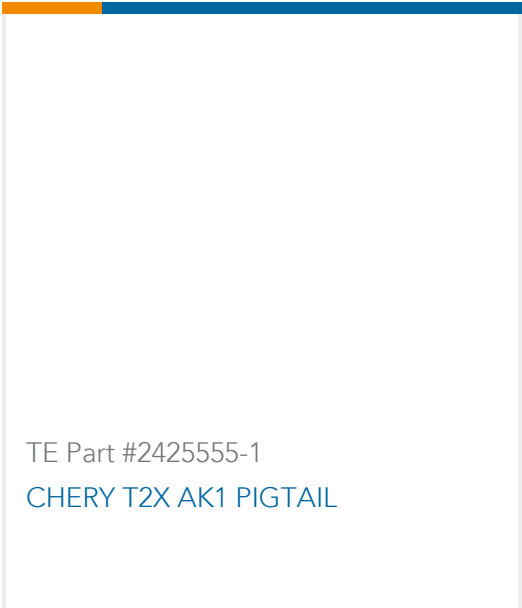
TE Part #284818-1
1 POS CANDELETTE

TE Part #284818-2
1 WAYS CONNECTOR F.GLOW PLUG
- RED VERS.

TE Part #2005215-6
MQS RETAINER HSG FOR 68P

TE Part #2389395-1
T19 FAKRA CABLE ASSEMBLY

TE Part #2418592-1
FUSE+REL BOX ASSY T1E HARD
WIRED



Documents

Product Drawings

1.5MM SFC,CONTACT

German

1.5MM SFC,CONTACT

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_1564724-1_A_c-1564724-1-a.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_1564724-1_A_c-1564724-1-a.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_1564724-1_A_c-1564724-1-a.3d_stp.zip

English

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

Product Specifications

Application Specification

German

Application Specification

German

Application Specification

English