

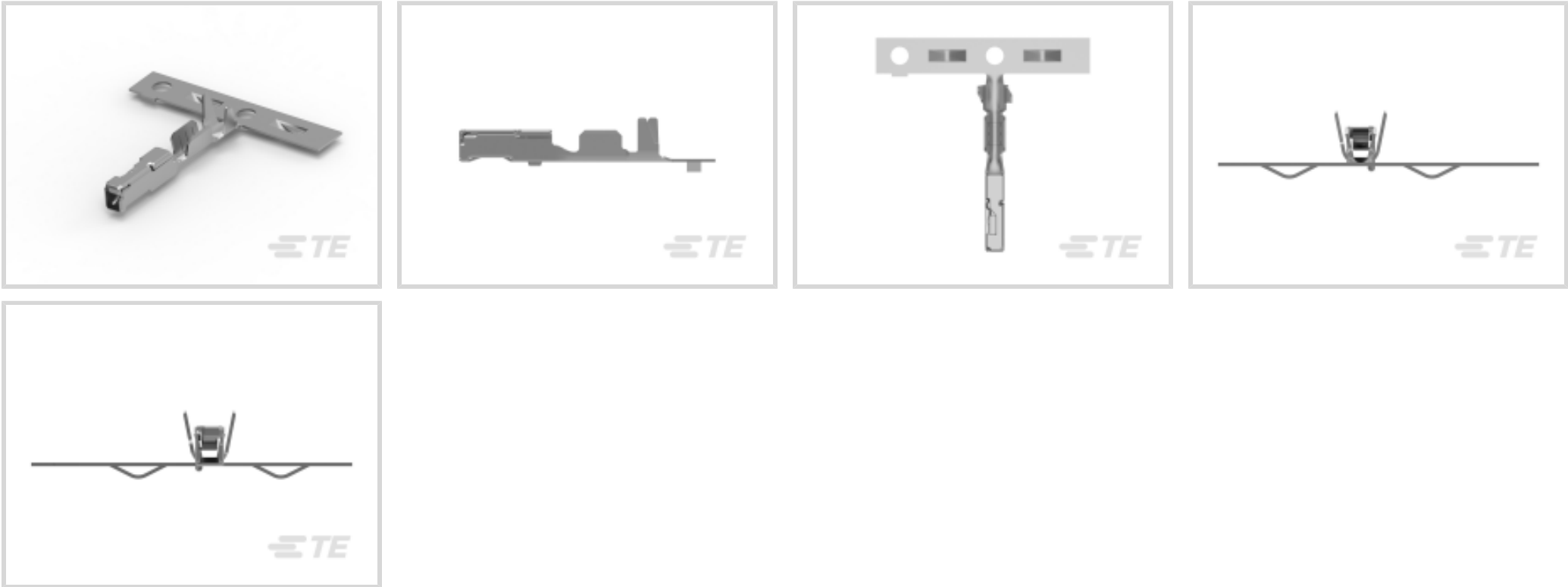


Generation Y Connector System

TE Internal #: 2098762-5
Receptacle Terminal, Tin (Sn), .64 mm [.025 in] Tab Width, .64 mm [.025 in] Tab Thickness, 22 – 20 AWG, Generation Y Connector System

[View on TE.com >](#)

Terminals & Splices > Automotive Terminals > Generation Y Terminals, 68POS Hybrid



Terminal Type: **Receptacle**
Interface Plating: **Tin (Sn)**
Mating Tab Width: **.64 mm [.025 in]**
Mating Tab Thickness: **.64 mm [.025 in]**
Terminal Transmits: **0 – 24 A (Low Power)**

[All Generation Y Terminals, 68POS Hybrid \(10\)](#)

Features

Industry Standards

Compatible With Agency/Standards Products	USCAR-21, SAE/USCAR-2
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Operation/Application

Compatible With Wire Base Material	Copper
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Packaging Features

Packaging Method	Package
Packaging Quantity	7500

Usage Conditions

Insulation Option	Uninsulated
Operating Temperature (Max)	125 °C[212 °F]
Operating Temperature Range	-40 – 125 °C[-40 – 257 °F]

Termination Features

Termination Method to Wire & Cable	Crimp
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Product Terminates To

Wire

Product Type Features

Receptacle Style	180°
Sealable	Yes
Primary Locking Feature	Clean Body

Dimensions

Compatible Insulation Diameter Range	1.5 – 1.85 mm[.059 – .073 in]
Wire Size	.35 – .5 mm ²
Wire Size Search	.35 mm ² , .5 mm ² , .4 mm ²

Contact Features

Typical Current Rating	9 A
Crimp Type	F-Crimp
Contact Size	.64mm
Contact Fabrication	Stamped & Formed
Wire Contact Termination Area Plating Material	Tin
Terminal Type	Receptacle
Interface Plating	Tin (Sn)
Mating Tab Width	.64 mm[.025 in]
Mating Tab Thickness	.64 mm[.025 in]

Body Features

Terminal Seal Type	Family Seal
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Other

Terminal Transmits	0 – 24 A (Low Power)
EU RoHS Compliance	Compliant
EU ELV Compliance	Compliant

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
Solder Process Capability	Not applicable for solder process capability

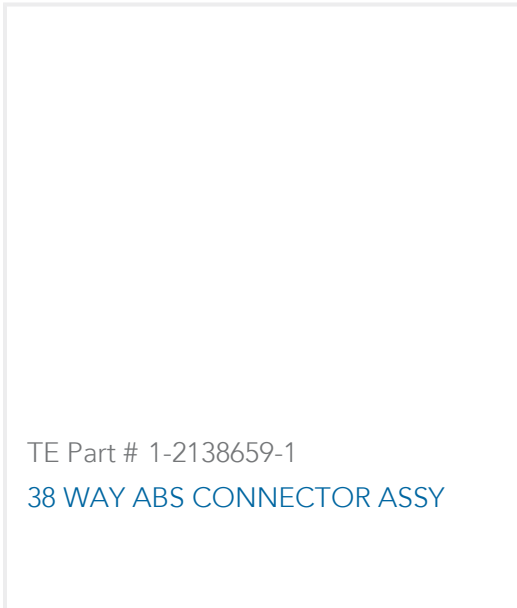
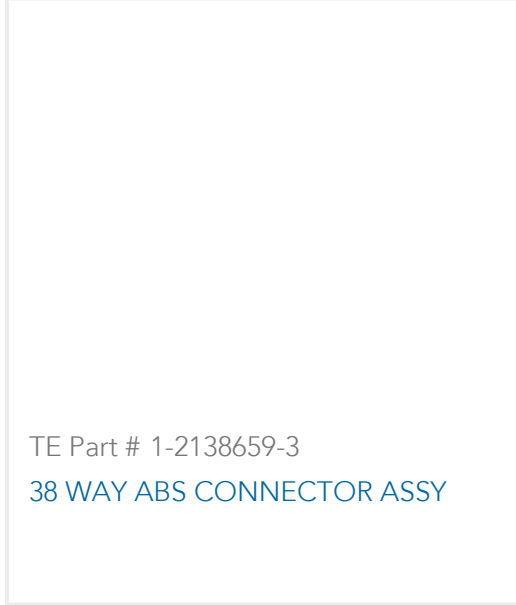
Product Compliance Disclaimer

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 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

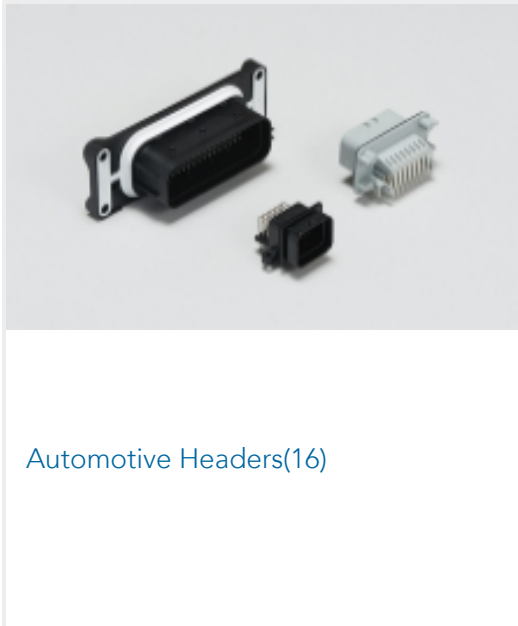
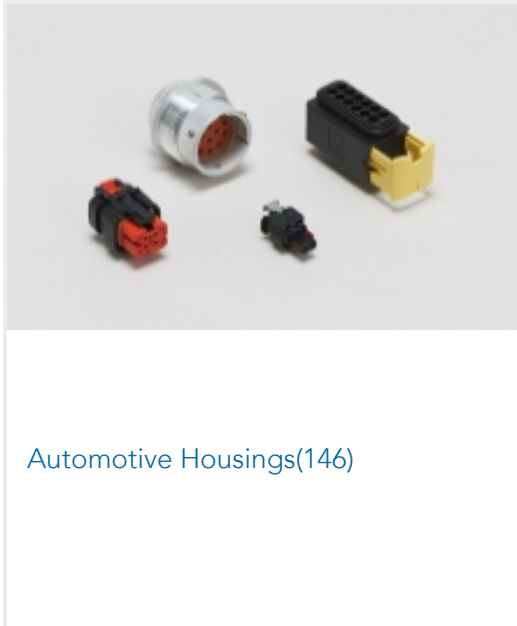
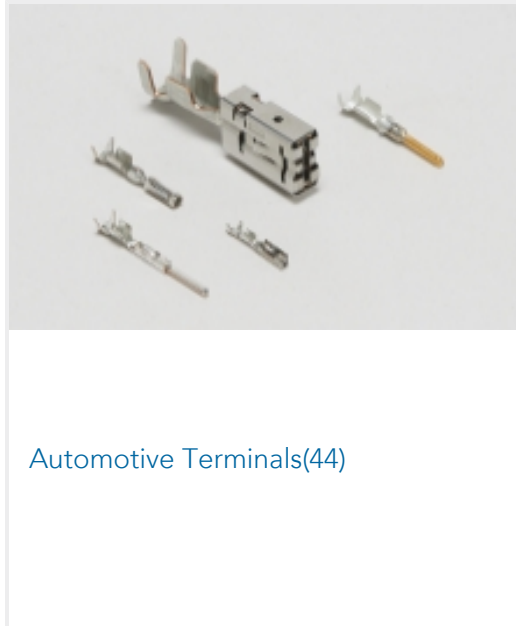
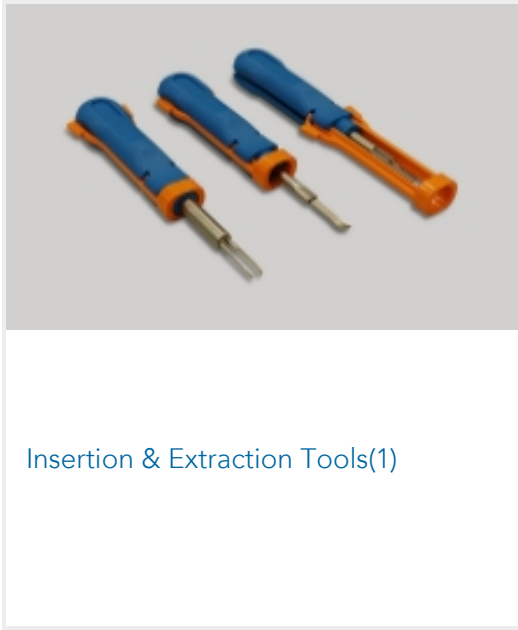
TE Part # 2138659-3 38 Way ABS Connector Assy. Key	TE Part # 2138659-9 38 Way ABS Connector Assy. Key	TE Part # 2138659-7 38 WAY ABS CONNECTOR ASSY	TE Part # 2098067-3 Plug Assembly, Hybrid, BCM, U1, C Key
TE Part # 2295163-3 22POS,MIXED,REC HSG,ASSY	TE Part # 2-2138659-0 38 WAY ABS CONNECTOR ASSY	TE Part # 2098904-6 20P Generation Y Plug, Single-	TE Part # 1-2138659-9 38 WAY ABS CONNECTOR ASSY



 TE Part # 1-2138659-4 38 WAY ABS CONNECTOR ASSY	 TE Part # 2138659-2 38 Way ABS Connector Assy. Key	 TE Part # 1-2138659-1 38 WAY ABS CONNECTOR ASSY	 TE Part # 2138659-4 38 Way ABS Connector Assy. Key
 TE Part # 2098067-6 Plug Assembly, Hybrid, BCM, B2, F Key	 TE Part # 2098904-3 20P Generation Y Plug, Single-	 TE Part # 2138659-5 38 Way ABS Connector Assy. Key	 TE Part # 2138659-1 38 Way ABS Connector Assy. Key
 TE Part # 2098904-4 20P Generation Y Plug, Single-	 TE Part # 2098067-4 Plug Assembly, Hybrid, BCM, U2, D Key	 TE Part # 2098904-2 20P Generation Y Plug, Single-	 TE Part # 1-2138659-3 38 WAY ABS CONNECTOR ASSY

Also in the Series

Generation Y Connector System

 Automotive Connector Caps & Covers (19)	 Automotive Headers(16)	 Automotive Housings(146)	 Automotive Terminals(44)
 Connector Seals & Cavity Plugs(6)	 Insertion & Extraction Tools(1)	 PCB Headers & Receptacles(16)	 Wire-to-Board Headers & Receptacles (15)

Customers Also Bought





TE Part #1-1564414-1
12POS,TAB 1.6X0.6,TAB HSG,ASSY



TE Part #1909763-1
UMCC MICRO-COAX RECPT GEN 1
HIGHER LEVEL



TE Part #3-2199250-4
TYPE C 3.6H SPRING FINGER



TE Part #1622488-1
LR1 1% 47K



TE Part #L9000279-01
SMA Jack 50 Ohm .062 PCB Edge
Mount



TE Part #1924580-2
ASSEMBLY SOCKET LOOSE PC NICKE



TE Part #0462-201-2031
SOC, SOLID, SIZE 20, 20AWG, AU



TE Part #7-1452671-3
MCON 1.2 LL REC SWS AG



TE Part #2195835-1
ISM 868 / 915 MHz ANTENNA



TE Part #2360002-1
REC CONN CVR ASSY,96POS,AMP
MCP 2.8

Documents

Product Drawings
Contact,female, 0.64, 20-22, CuNiSi, Sn
English

CAD Files
3D PDF
3D
Customer View Model
ENG_CVM_CVM_2098762-5_C.2d_dxf.zip
English
Customer View Model
ENG_CVM_CVM_2098762-5_C.3d_igs.zip
English
Customer View Model
ENG_CVM_CVM_2098762-5_C.3d_stp.zip
English

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

Product Specifications



Application Specification

English