

344273-1 ✓ ACTIVE

AMP | Econoseal

TE Internal #: 344273-1

Housing for Female Terminals, Wire-to-Wire, 3 Position, .188 in [4.8 mm] Centerline, Sealable, Black, Wire & Cable, Signal, Econoseal

[View on TE.com >](#)



Connectors > Automotive Connectors > Automotive Housings



Connector & Housing Type: **Housing for Female Terminals**

Mating Tab Width: **1.8 mm [.07 in]**

Connector System: **Wire-to-Wire**

Number of Positions: **3**

Centerline (Pitch): **4.8 mm [.188 in]**

Features

Product Type Features

Connector Shape	Rectangular
Connector & Housing Type	Housing for Female Terminals
Connector System	Wire-to-Wire
Sealable	Yes
Hybrid Connector	No
Primary Locking Feature	On the Terminal
Connector & Contact Terminates To	Wire & Cable

Configuration Features

Blank Cavity Position	0
Number of Positions	3
Number of Rows	1

Electrical Characteristics

Nominal Voltage Architecture	12 V
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Body Features

Cable Exit Angle	180°
Primary Product Color	Black
Connector & Keying Code	Neutral

Contact Features

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Contact Size	1.8mm
Contact Type	Receptacle
Mating Tab Width	1.8 mm[.07 in]
Contact Current Rating (Max)	10 A

Mechanical Attachment

Terminal Position Assurance	Yes
Strain Relief	Add By Accessory
Mating Alignment Type	Polarization Slot
Mating Alignment	With
Connector Mounting Type	Cable Mount (Free-Hanging)

Housing Features

Housing Material	PA
Centerline (Pitch)	4.8 mm[.188 in]

Dimensions

Connector Height	19.7 mm[.78 in]
Product Width	25.4 mm[1 in]
Product Length	27.6 mm[1.09 in]
Compatible Insulation Diameter Range	1.6 – 2.8 mm[.06 – .1 in]
Wire Size	.2 – 2 mm ²

Usage Conditions

Operating Temperature (Max)	105 °C[221 °F]
Operating Temperature Range	-30 – 105 °C[-22 – 221 °F]

Operation/Application

Circuit Application	Signal
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Industry Standards

Degree of Protection	IPX4
UL Flammability Rating	Not tested

Packaging Features

Packaging Quantity	500
Packaging Method	Bag

Other

Serviceable	Yes
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Connector Position Assurance Capable No

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: JAN 2022 (223) 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 # 344271-1
3 WAY TAB HOUSING BLACK ECONO



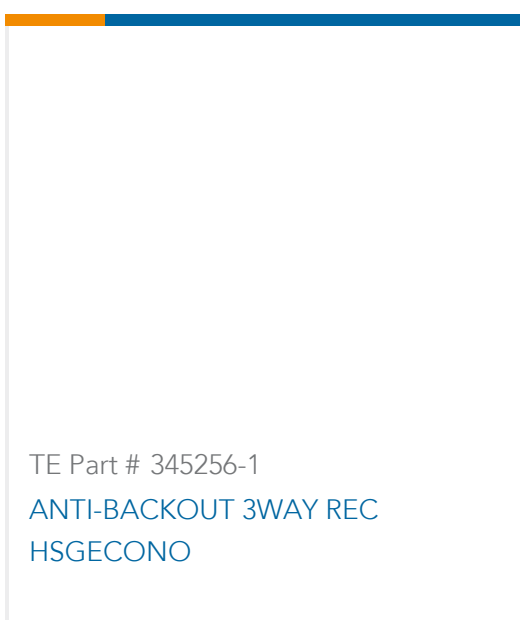
TE Part # 345808-1
.070\" RECEPTACLE ECON.3



TE Part # 1-1579007-5
EXTRACTION TOOL



TE Part # 347703-1
3 WAY PERIPHERAL SEAL SILIC

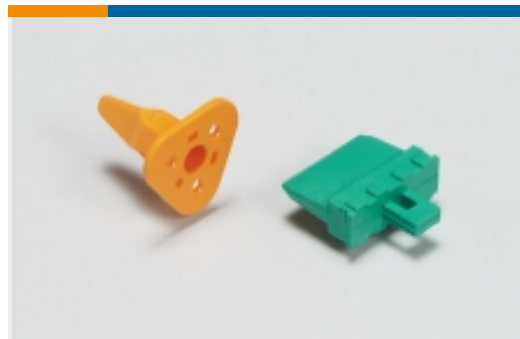


TE Part # 345256-1
ANTI-BACKOUT 3WAY REC
HSGECONO

Also in the Series | Econoseal



Automotive Connector Caps & Covers (1)



Automotive Connector Locks & Position Assurance(25)



Automotive Housings(106)



Automotive Seals & Cavity Plugs(19)



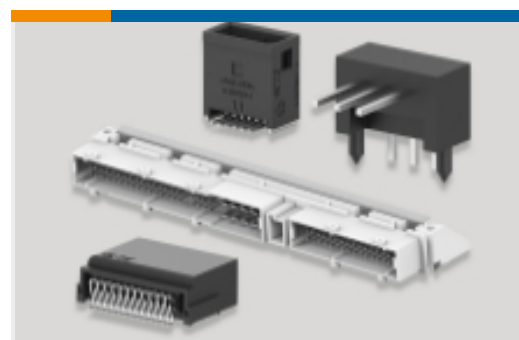
Automotive Terminals(48)



Insertion & Extraction Tools(7)



Other Automotive Connector Accessories(5)



PCB Headers & Receptacles(4)



Primary Wire(1)

Customers Also Bought



TE Part #8-34124-1
TERM,SOLIS R 16-14 1/4



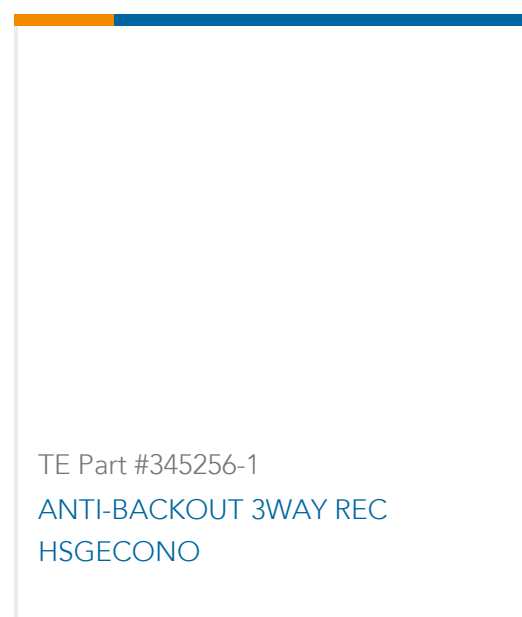
TE Part #2-34117-2
SOLIS SPD 22-16COMM 22-18MIL 8



TE Part #8-2176404-9
3550 33R 5%



TE Part #344271-1
ECONOSEAL, CONNECTOR HOUSING



Documents

Product Drawings

[3 WAY REC. HSG. SIL. SEALECONO](#)

English

CAD Files

[3D PDF](#)

3D

Customer View Model

[ENG_CVM_CVM_344273-1_G.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_344273-1_G.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_344273-1_G.3d_stp.zip](#)

English

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