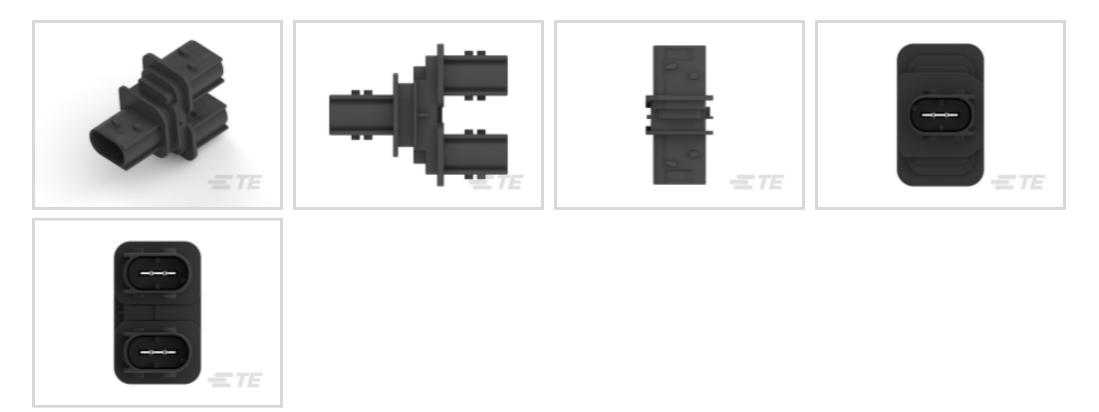
2278730-2 - ACTIVE

AMP | Heavy Duty Sealed Connector Series

TE Internal #: 2278730-2 Housing for Male Terminals, Wire-to-Wire, 3 Position, 4 mm Centerline, Sealable, Black, Wire & Cable, Signal, Heavy Duty Sealed Connector Series

View on TE.com >

Connectors > Automotive Connectors > Connector Housings



Connector & Housing Type: Housing for Male Terminals

Mating Tab Width: 1.5 mm

Connector System: Wire-to-Wire

Number of Positions: 3

Centerline (Pitch): 4 mm

Features

connectivity

Product Type Features

Connector & Housing Shape	Rectangular
Connector & Housing Type	Housing for Male Terminals
Connector System	Wire-to-Wire
Sealable	Yes
Connector & Contact Terminates To	Wire & Cable
Configuration Features	
Blank Cavity Position	0
Number of Positions	3
Number of Rows	1
Electrical Characteristics	
Operating Voltage	42 VDC
Body Features	
Cable Exit Angle	180°
Body Material	PBT GF

Housing for Male Terminals, Wire-to-Wire, 3 Position, 4 mm Centerline, Sealable, Black, Wire & Cable, Signal, Heavy Duty Sealed Connector Series



Contact Sire1.5KContact TypeTabContact TypeTabMating Tab Woth1.5 mmContact Current Rating (Max)20 AContact Current Rating (Max)20 AWethenical AttechmentYesTerminal Position AssuranceKeyedMating Alignment TypeKeyedConnector Mounting TypeCable Mount (Free-Hanging)Connector Mounting Type4 mmContact Width25.9 mmProduct Width25.9 mmProduct Height3.1 mmNotactor Spacing4 mmRow to Row Spacing4 mmOperating Temperature (Max)140 °COperating Temperature RangeSignalCreut ApplicationSignalIndusty StandardsSignalIndusty StandardsSignal		
Contact FeaturesContact Size1.5KContact Size1.6Contact Type1.6Maing Tab Width1.5 mmContact Current Rating (Max)20.4Contact Current Rating (Max)KeyadMating AlignmentKeyadMating Alignment TypeKeyadMating Alignment TypeWithConnector Mounting TypeWithHorizer Maunting TypeMain AlignmentConnector Mounting TypeMain AlignmentProduct Mathing MagnementSin Mana Carlent SingProduct Mathing MagnementSing Mana Carlent SingProduct Mathing MagnementSing Mana Carlent SingProduct LengthSing Mana Carlent SingProduct LengthSing Mana Carlent SingProduct LengthSing Mana Carlent SingProduct LengthMana Carlent SingProduct LengthSing Mana Carlent SingProduct Length	Primary Product Color	Black
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Mating AlignmentWithConnector Mounting TypeCable Mount (Free-Hanging)Husing Features4 mmCenterline (Pitch)4 mmDimensions25.9 mmProduct Width25.9 mmProduct Length3.1 mmProduct Length4.42 mmRow-to-Row Spacing4 mmVage Conditions10 °COperating Temperature (Max)140 °COperating Temperature Range-40 – 140 °COperating Temperature Range1982Circuit ApplicationSignalDegree of ProtectionIP87Out Flammability RatingU 194V 0Packaging Quantity250	Terminal Position Assurance	Yes
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Product Length53.1 mmProduct Height42.42 mmRow-to-Row Spacing4 mmRow-to-Row Spacing4 mmUsage Conditions140 °COperating Temperature (Max)40-140 °COperating Temperature Range-40-140 °COperating Temperature RangeSignalOperating Temperature RangeSignalOperation/ApplicationSignalOperation ProtectionP67UL Flammability RatingU 94V-0Pakaging Quantity250	Dimensions	
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Operating Temperature Range-40 – 140 °COperation/ApplicationSignalCircuit ApplicationSignalIndustry StandardsIP67Degree of ProtectionUL Flammability RatingDeckaging FeaturesSignal	Usage Conditions	
Operation/Application Signal Circuit Application Signal Industry Standards Industry Standards Degree of Protection IP67 UL Flammability Rating UL 94V-0 Packaging Features 250	Operating Temperature (Max)	140 °C
Circuit ApplicationSignalIndustry StandardsIP67Degree of ProtectionUL 94V-0UL Flammability RatingUL 94V-0Packaging Features250	Operating Temperature Range	-40 – 140 °C
Industry Standards Degree of Protection IP67 UL Flammability Rating UL 94V-0 Packaging Features VIC 94V-0 Packaging Quantity Solution	Operation/Application	
Degree of ProtectionIP67UL Flammability RatingUL 94V-0Packaging FeaturesYackaging GuantityPackaging Quantity250	Circuit Application	Signal
UL Flammability Rating UL 94V-0 Packaging Features 250	Industry Standards	
Packaging Features Packaging Quantity 250	Degree of Protection	IP67
Packaging Quantity 250	UL Flammability Rating	UL 94V-0
	Packaging Features	
Packaging Method Box	Packaging Quantity	250
		Box

Housing for Male Terminals, Wire-to-Wire, 3 Position, 4 mm Centerline, Sealable, Black, Wire & Cable, Signal, Heavy Duty Sealed Connector Series



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 2022 (224) Candidate List Declared Against: JAN 2022 (223) SVHC > Threshold: Not Yet Reviewed
Halogen Content	Not Low Halogen - contains Br or Cl > 900 ppm.
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 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

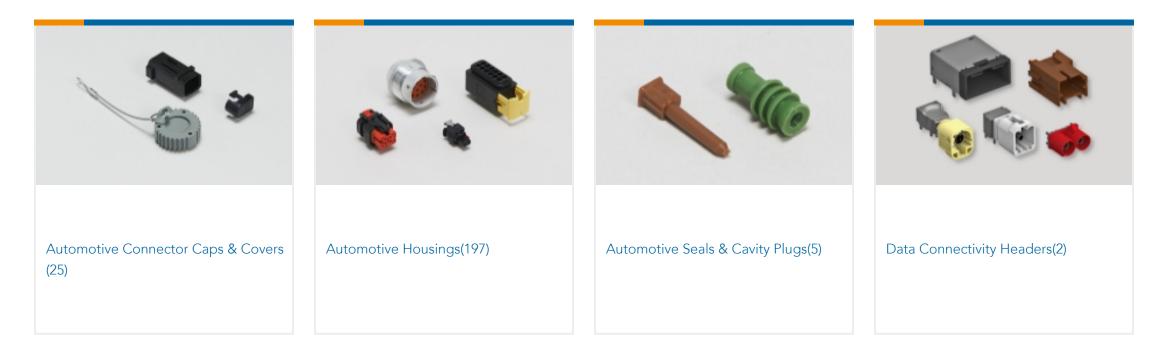
Compatible Parts

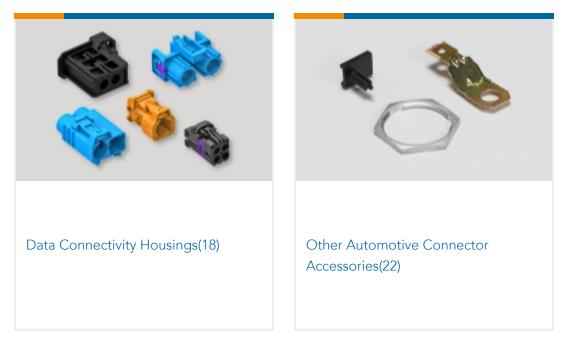


Also in the Series | Heavy Duty Sealed Connector Series

Housing for Male Terminals, Wire-to-Wire, 3 Position, 4 mm Centerline, Sealable, Black, Wire & Cable, Signal, Heavy Duty Sealed Connector Series







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Documents

CAD Files

3D PDF

3D

Customer View Model

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English

Customer View Model

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HDSCS Catalog

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