

2344715-7 ✓ ACTIVE



Generation Y | Generation Y Connector System

TE Internal #: 2344715-7

90 Position Housing, Housing for Female Terminals, Wire-to-Board, 2.54 mm [.1 in] Centerline, Sealable, Black, Generation Y Connector System

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Automotive Parts > Automotive Connectors > Automotive Housings



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

Number of Positions: **90**

Sealable: **Yes**

Operating Temperature Range: **-40 – 105 °C [-40 – 221 °F]**

Number of Rows: **4**

Features

Product Type Features

Mixed & Hybrid Connector	Yes
Connector Shape	Rectangular
Connector & Housing Type	Housing for Female Terminals
Sealable	Yes
Primary Locking Feature	Locking Lance
Connector System	Wire-to-Board
Connector & Contact Terminates To	Wire & Cable

Configuration Features

Number of Positions	90
Number of Rows	4

Electrical Characteristics

Nominal Voltage Architecture	12 V
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Body Features

Primary Product Color	Black
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Connector & Keying Code	A
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Contact Features

Contact Size	.64mm, 2.8mm, 6.3mm
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Contact Type	Receptacle
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Mating Tab Width	.64 mm, 2.8 mm, 6.3 mm [.025 in][.11 in][.25 in]
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Mechanical Attachment

Terminal Position Assurance	No
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Mating Alignment Type	Keyed
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Mating Alignment	With
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Connector Mounting Type	Cable Mount (Free-Hanging)
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Housing Features

Housing Material	PBT GF30
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Centerline (Pitch)	2.54 mm [.1 in]
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Dimensions

Row-to-Row Spacing	4.54 mm, 6 mm [.17 in][.23 in]
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Product Width	48.8 mm [1.92 in]
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Product Length	105 mm [4.13 in]
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Connector Height	60.5 mm [2.38 in]
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Usage Conditions

Operating Temperature Range	-40 – 105 °C [-40 – 221 °F]
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Operating Temperature (Max)	105 °C [221 °F]
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Operation/Application

Circuit Application	Power & Signal
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Industry Standards

UL Flammability Rating	No
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Packaging Features

Packaging Quantity	144
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Packaging Method	Box
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Other

Connector Position Assurance Capable	No
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Product Compliance

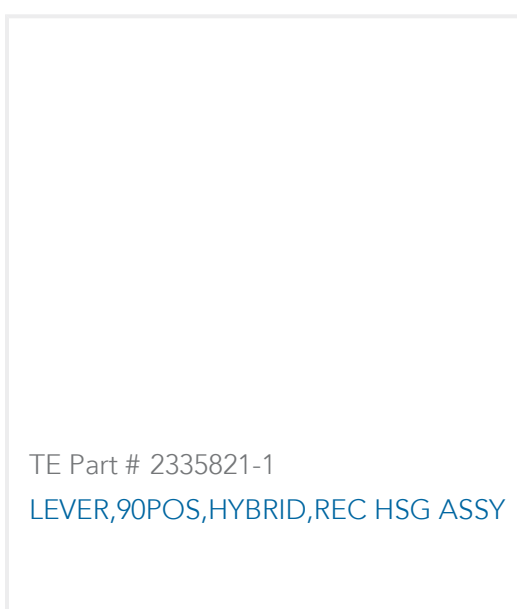
[For compliance documentation, visit the product page on TE.com>](#)

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	<p>Current ECHA Candidate List: JAN 2025 (247)</p> <p>Candidate List Declared Against: JAN 2025 (247)</p> <p>SVHC > Threshold:</p> <p>Dodecamethylcyclohexasiloxane (D6) (.5% in M-10406-1)</p> <p>Decamethylcyclopentasiloxane (D5) (.5% in 26921771377)</p> <p>Octamethylcyclotetrasiloxane (D4) (.5% in 26921771377)</p> <p>Article Safe Usage Statements: Wash thoroughly after handling. Recycle if possible and dispose of the article by following all applicable governmental regulations relevant to your geographic location.</p>
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

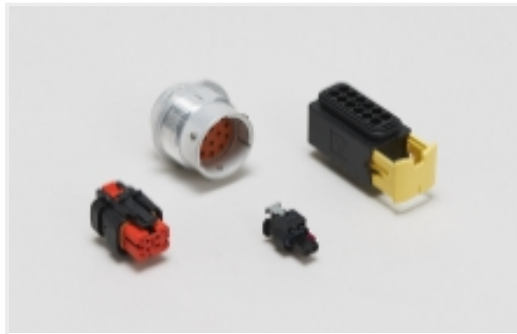
Product Compliance Disclaimer

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



Also in the Series | Generation Y Connector System



Automotive Housings(138)



Automotive Seals & Cavity Plugs(6)

Automotive Signal & Power Connector
Housings(138)

Customers Also Bought

TE Part #0528-002-6005
BKSHL, 60P, BLK, PLG, RA, NW 17TE Part #2344717-9
112POS, HYBRID, REC HSG ASSY, SLD,
COD B

Documents

Product Drawings

[90POS, HYBRID, REC HSG ASSY, SLD, COD A](#)

English

CAD Files

[3D PDF](#)

3D

Customer View Model

[ENG_CVM_CVM_2344715-7_A.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_2344715-7_A.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_2344715-7_A.3d_stp.zip](#)

English

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

Product Specifications

[Engineering Report](#)

English

Instruction Sheets

[Instruction Sheet \(U.S.\)](#)

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English