

2365086-1 ✓ ACTIVE

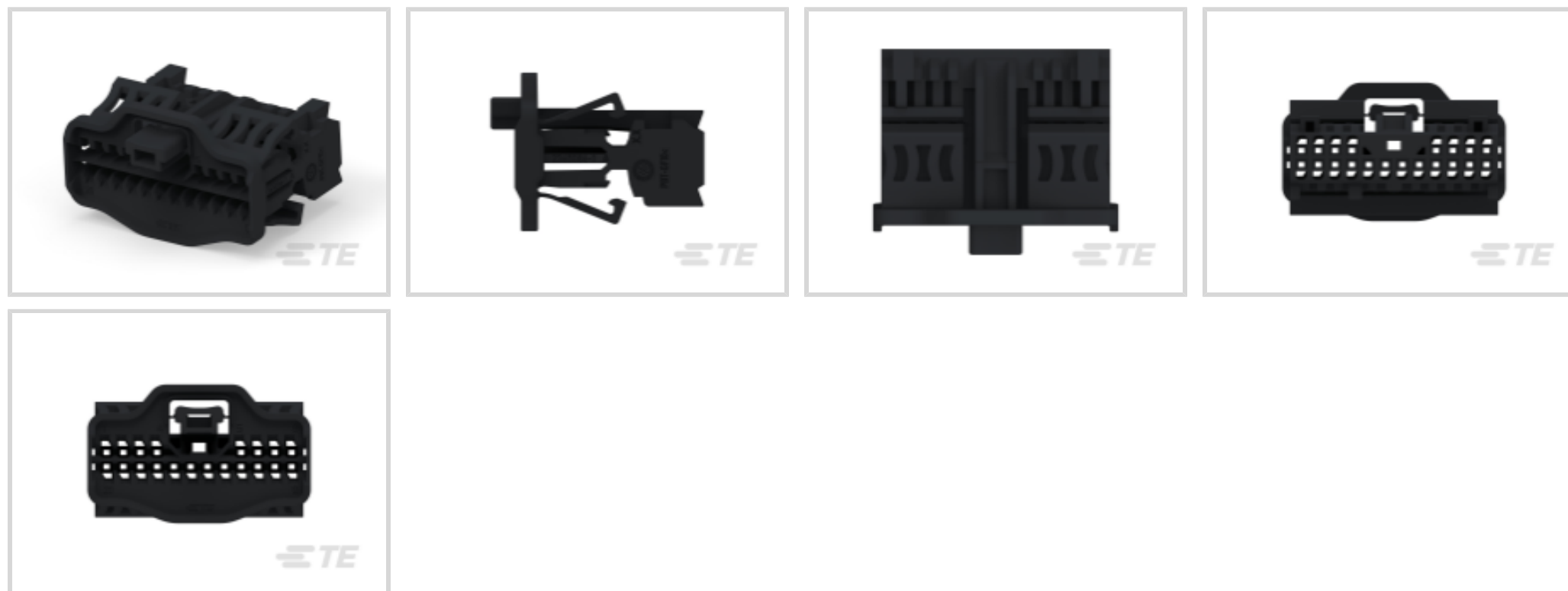
TE Internal #: 2365086-1

Housing for Female Terminals, Wire-to-Board / Wire-to-Device, 20
Position, .07 in [1.8 mm] Centerline, Black, Flexible Printed Circuit
(FPC), Signal

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Connectors > Automotive Connectors > Automotive Housings



Connector System: **Wire-to-Board, Wire-to-Device**

Number of Positions: **20**

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

Centerline (Pitch): **1.8 mm [.07 in]**

Sealable: **No**

Features

Product Type Features

Mixed & Hybrid Connector	No
Connector Shape	Rectangular
Connector System	Wire-to-Board, Wire-to-Device
Connector & Housing Type	Housing for Female Terminals
Sealable	No
Connector & Contact Terminates To	Flexible Printed Circuit (FPC)
Primary Locking Feature	Locking Lance

Configuration Features

Blank Cavity Position	20
Number of Positions	20
Number of Rows	2

Electrical Characteristics

Nominal Voltage Architecture	12 V
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Body Features



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

Contact Features

Contact Size	.5mm
Contact Type	Receptacle
Mating Tab Width	.5 mm [.02 in]
Contact Current Rating (Max)	1 A

Mechanical Attachment

Terminal Position Assurance	Yes
Mating Alignment Type	Keyed
Mating Alignment	With
Connector Mounting Type	Cable Mount (Free-Hanging)

Housing Features

Housing Material	PBT GF
Centerline (Pitch)	1.8 mm [.07 in]

Dimensions

Connector Height	17.8 mm [.7 in]
Product Width	14.8 mm [.583 in]
Product Length	23.9 mm [.941 in]
Row-to-Row Spacing	1.5 mm [.059 in]

Usage Conditions

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

Operation/Application

Circuit Application	Signal
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Industry Standards

Agency/Standard	LV214
UL Flammability Rating	UL 94HB

Packaging Features

Packaging Quantity	2500
Packaging Method	Bag



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	Current ECHA Candidate List: JUNE 2023 (235) Candidate List Declared Against: JUNE 2023 (235) 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 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



Customers Also Bought



TE Part #487406-2
FFC RCPT CONT SP 30AU RL



TE Part #91517-1
CCII FEMALE MOD IV REC 24-22 ASSY



TE Part #929387-1
MOS, RECEPTACLE AND TAB



TE Part #40668
RING TERMINAL 22-16 AWG BR



TE Part #1-1649329-5
RT424024



TE Part #2303088-2
32POS,NANOMQS,REC HSG,UNSLD,
COD A,FPC



TE Part #2303088-3
32POS,NANOMQS,REC HSG,UNSLD,
COD B,FPC



TE Part #2336718-3
PICO 22P HEADER ASSY

Documents

Product Drawings

[20POS,NANOMQS,REC HSG,UNSLD,COD A,FPC](#)

English

[20POS,NANOMQS,REC HSG,UNSLD,COD A,FPC](#)

English

CAD Files

[3D PDF](#)

3D

Customer View Model

[ENG_CVM_CVM_2365086-1_A.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_2365086-1_A.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_2365086-1_A.3d_stp.zip](#)

English

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