



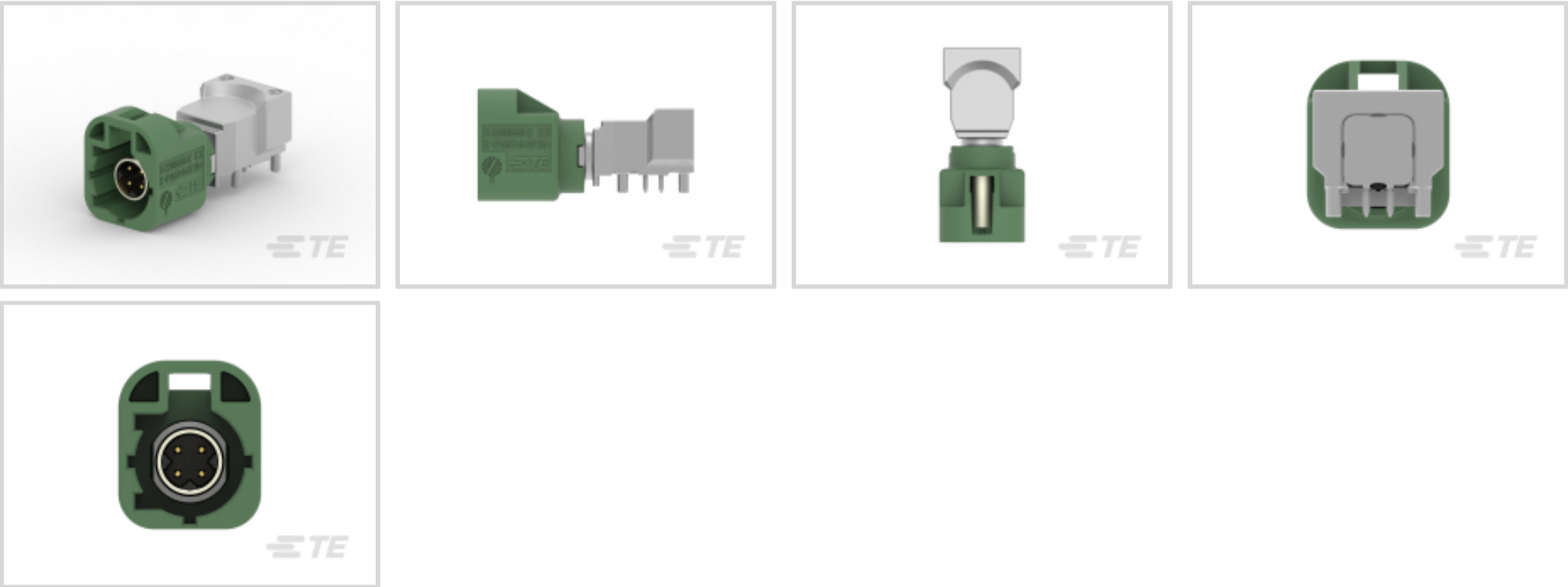
HSD

TE Internal #: 2286546-5

E, Wire-to-Board, 4 Position, 2 mm [.079 in] Centerline, Shielded, Horizontal, Signal, -40 – 105 °C [-40 – 221 °F], HSD, Data Connectivity Headers

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Connectors > Automotive Connectors > Data Connectivity Systems > Data Connectivity Headers



Mating Pin Diameter: .6 mm [.024 in]

Connector & Keying Code: E

Connector System: Wire-to-Board

Number of Positions: 4

Centerline (Pitch): 2 mm [.079 in]

Features

Product Type Features

Mixed & Hybrid Connector	No
Connector & Contact Terminates To	Printed Circuit Board
Connector System	Wire-to-Board
Sealable	No

Configuration Features

Number of Positions	4
PCB Mount Orientation	Horizontal

Electrical Characteristics

Impedance	100 Ω
Operating Voltage	60 VDC

Signal Characteristics

Operating Frequency Range	0 – 3000 MHz
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Body Features

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PCB Retention Feature Plating Material	Tin
Body Material	PA6T/6 GF25, ZnAL4Cu1
Connector & Keying Code	E

Contact Features

Center Contact	With
Contact Type	Pin
Contact Mating Area Plating Material	Gold
RF Connector Center Contact Plating Material	Gold (Au)
Mating Pin Diameter	.6 mm[.024 in]

Termination Features

Termination Method to PCB	Through Hole - Solder
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Mechanical Attachment

Mating Retention	With
PCB Mount Retention	With
PCB Mount Retention Type	Solder Tail

Housing Features

Housing Color	Green
Centerline (Pitch)	2 mm[.079 in]

Dimensions

Connector Height	10.95 mm[.431 in]
Product Width	27.3 mm[1.074 in]
Product Length	12 mm[.472 in]

Usage Conditions

Operating Temperature (Max)	65 °C, 70 °C, 75 °C, 80 °C, 85 °C, 90 °C, 100 °C, 105 °C[149 °F][158 °F][167 °F][176 °F][185 °F][194 °F][212 °F][221 °F]
Operating Temperature Range	-40 – 105 °C[-40 – 221 °F]

Operation/Application

Solder Process	Reflow Solder
Assembly Process Feature	Board Standoff
Shielded	Yes
Circuit Application	Signal

Packaging Features



Packaging Quantity	300
Packaging Method	Reel

Other

Interface Number	114-18950
Outer Contact Plating Material	Other
Dielectric Material	PA GF

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 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



TE Part # 1-2286797-1
HSD,HDR ASSY,90DEG,COD G

TE Part # 2141724-1
HSD,4POS,180CODZ,INLINE,CABLE ASSY

TE Part # 2141724-2
HSD,4POS,180CODZ,INLINE,CABLE ASSY

TE Part # 2141724-3
HSD,4POS,180CODZ,INLINE,CABLE ASSY

TE Part # 1-2141723-1
HSD,4POS,180CODZ,180CODZ, CABLE ASSY

TE Part # 2141723-1
HSD,4POS,180CODZ,180CODZ, CABLE ASSY

TE Part # 2141723-2
HSD,4POS,180CODZ,180CODZ, CABLE ASSY

TE Part # 2141723-3
HSD,4POS,180CODZ,180CODZ, CABLE ASSY

Also in the Series | HSD

Data Connectivity Headers(54)

Data Connectivity Housings(8)

Customers Also Bought

TE Part #1775470-2
HPI CONN., 2.0MM, V/T, SMT, 2P, 80U"

TE Part #171822-3
EIS REC. HSG 3P-NATURAL

TE Part #170376-1
AMP EI PIN CONTACT

TE Part #170262-1
EIS CONTACT

TE Part #1-2291392-3
MALE ASM, 1 POS, R/A, PCB, FAKRA

TE Part #2286546-2
HSD,HDR ASSY,90DEG,COD B

TE Part #2291392-8
MALE ASM, 1 POS, R/A, PCB, FAKRA

TE Part #2138755-3
HDMI TYPE E RECEPTACLE



Documents

Product Drawings

HSD,HDR ASSY,90DEG,COD E

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_2286546-5_C.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_2286546-5_C.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_2286546-5_C.3d_stp.zip

English

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

Product Specifications

114-94381

English

Product Specification

English