TE Internal #: 2-967325-3

Housing for Female Terminals, Wire-to-Wire, 4 Position, .276 in [7 mm] Centerline, Sealable, Gray, Cable Mount (Free-Hanging)

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Connector & Housing Type: Housing for Female Terminals

Mating Pin Diameter: 2.5 mm [ .098 in ]

Connector System: Wire-to-Wire

Number of Positions: 4

Centerline (Pitch): 7 mm [ .276 in ]

All Circular DIN Housings (51)

### **Features**

### **Product Type Features**

Connector Shape	Circular
Connector & Housing Type	Housing for Female Terminals
Connector System	Wire-to-Wire
Sealable	Yes
Hybrid Connector	No
Primary Locking Feature	On the Terminal
Configuration Features	
Blank Cavity Position	3, 4
Number of Positions	4
Electrical Characteristics	
Nominal Voltage Architecture	12 V, 24 V, 42 V, 48 V
Body Features	
Cable Exit Angle	180°



Connector & Keying Code         2           Contact Features         2.5mm           Contact Type         Socket           Mating Pin Diameter         2.5 mm[.098 in]           Mechanical Attachment         Terminal Position Assurance           Mating Alignment Type         Keyee           Mating Alignment Type         Keyee           Mating Alignment Type         Cable Mount (Freet langing)           Housing Features         Housing Material           Connector Mounting Type         7 mm[.276 in]           Dimensions         2           Connector Height         39.8 mm[1.291 in]           Product Length         31 mm[1.291 in]           Usage Conditions         70 °C, 75 °C, 80 °C, 85 °C, 90 °C, 100 °C, 105 °C, 110 °C, 120 °	Primary Product Color	Gray
Contact Features  Contact Type Socket Mating Pin Diameter 2.5 mm [.098 in]  Mechanical Attachment  Terminal Position Assurance No Strain Relief Without Mating Alignment Type Keyed Mating Alignment Type (Cable Mount (Free-Hanging))  Mount (Free-Hanging)  Mount (Fre		Gray
Contact Size Contact Type Socket Mating Pin Diameter Mechanical Attachment  Terminal Position Assurance Strain Relief Multing Alignment Type Mating Alignment Type Mating Alignment With Connector Mounting Type Connector Mounting Type Connector Mounting Type Housing Features  Housing Material Centerline (Pitch) Product Length Dimensions  Connector Height Sage Conditions  Operating Temperature (Max)  Operating Temperature Range Industry Standards  Degree of Protection UL Flammability Rating Packaging Features  Packaging Mathod  Declaracy Standards  Degree of Protection UL Flammability Rating Packaging Mathod  Declaracy Standards  Packaging Mathod  Box  Declaracy Standards  Degree of Protection UL Flammability Rating Packaging Mathod  Declaracy Standards  Degree of Protection Dec		۷
Contact Type Mating Pin Diameter Mechanical Attachment Terminal Position Assurance Mating Alignment Type Mating Alignment Type Mating Alignment Connector Mounting Type Housing Features Housing Material Centerline (Pitch) Connector Height Product Length Usage Conditions Operating Temperature (Max) Coperating Temperature Range Industry Standards Degree of Protection UL Flammability Rating Packaging Method Characterise Packaging Method Contacting Peatures Sale mining Material Coperating Temperature (Max) Coperating Temperature Coperating Coperat		
Matting Pin Diameter  Mechanical Attachment  Terminal Position Assurance Strain Relief Mating Alignment Type Mating Alignment Type Mating Alignment Connector Mounting Type  Housing Features  Housing Material Centerline (Pitch) Pinduct Length  Usage Conditions  Operating Temperature (Max)  Operating Temperature Range Industry Standards  Degrae of Protection UL Plammability Rating Packaging Features  Packaging Method  Deckaging Method  Deckaging Method  Down  Diameter  2.5 mm[,098 in]  With With Without  Keyed  Without  Keyed  With Coable Mount (Free-Hanging)  Methout (Free-Hanging)  PBT GF30  Cable Mount (Free-Hanging)  PBT GF30  7 mm[,276 in]  PBT GF30  Tmm[,276 in]  Tmm[,2		
Mechanical Attachment  Terminal Position Assurance No Strain Relief Without Mating Alignment Type Keyed Mating Alignment Connector Mounting Type Cable Mount (Free Hanging)  Housing Features  Housing Material PBT GF30 Centerline (Pitch) 7 mm[,276 in]  Dimensions  Connector Height 32.8 mm[1.291 in] Product Length 31 mm[1.22 in]  Usage Conditions  Operating Temperature (Max) Operating Temperature Range Industry Standards  Degree of Protection UL Flammability Rating Packaging Peatures  Packaging Quantity Packaging Method Other		
Terminal Position Assurance Strain Relief Without Mating Alignment Type Mating Alignment With Connector Mounting Type Cable Mount (Free-Hanging) Housing Features Housing Material PBT CF30 Centerline (Pitch) 7 mm(.276 in)  Dimensions  Connector Height 32.8 mm[1.291 in] Product Length  Usage Conditions  Operating Temperature (Max) Operating Temperature Range Industry Standards  Degree of Protection UL Flammability Rating Packaging Peatures  Packaging Method Obter  With Without Without Reyed Adventure With With With Reyed Apple App	Mating Pin Diameter	2.5 mm[.098 in]
Strain Relief Without Mating Alignment Type Keyed Mating Alignment Mounting Type Cable Mount (Free Hanging) Housing Features Housing Material PBT GF30 Centerline (Pitch) 7 mm/[.276 in] Dimensions  Connector Height 32.8 mm[1.291 in] Product Length 31 mm[1.291 in] Usage Conditions  Operating Temperature (Max) 70 °C, 75 °C, 80 °C, 85 °C, 90 °C, 100 °C, 105 °C, 110 °C, 120 °C[158 °T][167 °T][176 °T]	Mechanical Attachment	
Mating Alignment Type Mating Alignment Connector Mounting Type Cable Mount (Free-Hanging) Housing Features  Housing Material Centerline (Pitch) PBT GF30 Centerline (Pitch) 7 mm(1.276 in)  Dimensions  Connector Height 32.8 mm(1.291 in) Product Length 33.mm(1.22 in)  Usage Conditions  Operating Temperature (Max) Operating Temperature Range Industry Standards  Degree of Protection UL Flammability Rating Packaging Geatures  Packaging Method Other  With With Cable Mount (Free-Hanging) PBT GF30  2 mm(1.276 in) PBT GF30  7 mm(1.276 in) PG30  7 mm(1.276 in) PG30  9 mm(1.22 in) PG30	Terminal Position Assurance	No
Mating Alignment Connector Mounting Type Cable Mount (Free Hanging)  Housing Features  Housing Material Centerline (Pitch) PBT GF30 Centerline (Pitch) 7 mm[.276 in]  Connector Height Salam mm[1.291 in] Product Length Usage Conditions  Operating Temperature (Max) Operating Temperature (Max) Operating Temperature Range Au - 120 °C[-40 - 248 °F] Industry Standards  Degree of Protection UL Flammability Rating Packaging Guantity Packaging Method Operating Method Ope	Strain Relief	Without
Connector Mounting Type  Housing Features  Housing Material PBT GF30  Centerline (Pitch) 7 mm[.276 in]  Dimensions  Connector Height 32.8 mm[1.291 in]  Product Length 31 mm[1.22 in]  Usage Conditions  Operating Temperature (Max) 70 °C, 75 °C, 80 °C, 85 °C, 90 °C, 100 °C, 105 °C, 110 °C, 120 °C[158 °F][167 °F][176 °F][185 °F][194 °F][221 °F][221 °F][230 °F][248 °F]  Operating Temperature Range 40 – 120 °C[ 40 – 248 °F]  Industry Standards  Degree of Protection IP69K  UL Flammability Rating UL 94HB  Packaging Features  Packaging Quantity 500  Packaging Method Box  Other	Mating Alignment Type	Keyed
Housing Features  Housing Material PBT GF30  Centerline (Pitch) 7 mm[.276 in]  Dimensions  Connector Height 32.8 mm[1.291 in]  Product Length 31 mm[1.22 in]  Usage Conditions  Operating Temperature (Max) 70 °C, 75 °C, 80 °C, 85 °C, 90 °C, 100 °C, 105 °C, 110 °C, 120 °C[158 °F][176 °F][176 °F][176 °F][178 °F]  Operating Temperature Range 40 – 40 – 120 °C[-40 – 248 °F]  Industry Standards  Degree of Protection IP69K  UL Flammability Rating UL 94HB  Packaging Guantity 500  Packaging Method Box  Other	Mating Alignment	With
Housing Material Centerline (Pitch) 7 mm[.276 in]  Dimensions  Connector Height 32.8 mm[1.291 in] Product Length 31 mm[1.22 in]  Usage Conditions  Operating Temperature (Max) Operating Temperature Range Industry Standards  Degree of Protection UL Flammability Rating Packaging Quantity Packaging Method Other	Connector Mounting Type	Cable Mount (Free-Hanging)
Centerline (Pitch)  Dimensions  Connector Height Product Length  Usage Conditions  Operating Temperature (Max)  Operating Temperature Range  Operating Temperature Range  Industry Standards  Degree of Protection  UL Flammability Rating  Packaging Quantity  Packaging Method  Other  Packaging Method  Pa	Housing Features	
Connector Height 32.8 mm[1.291 in] Product Length 31 mm[1.22 in]  Usage Conditions  Operating Temperature (Max) 70 °C, 75 °C, 80 °C, 85 °C, 90 °C, 100 °C, 105 °C, 110 °C, 120 °C[158 °F][167 °F][176 °F][185 °F][194 °F][212 °F][221 °F][221 °F][221 °F][221 °F][230 °F][248 °F]  Operating Temperature Range 40 - 120 °C[-40 – 248 °F]  Industry Standards  Degree of Protection IP69K  UL Flammability Rating UL 94HB  Packaging Features  Packaging Quantity 500  Packaging Method Box	Housing Material	PBT GF30
Connector Height 32.8 mm[1.291 in] Product Length 31 mm[1.22 in]  Usage Conditions  Operating Temperature (Max) 70 °C, 75 °C, 80 °C, 85 °C, 90 °C, 100 °C, 105 °C, 110 °C, 120 °C[158 °F][176 °F][176 °F][185 °F][194 °F][212 °F][221 °F][230 °F][248 °F]  Operating Temperature Range 40 – 40 – 120 °C[-40 – 248 °F]  Industry Standards  Degree of Protection IP69K  UL Flammability Rating UL 94HB  Packaging Features  Packaging Quantity 500  Box  Other	Centerline (Pitch)	7 mm[.276 in]
Product Length Usage Conditions  Operating Temperature (Max) Operating Temperature (Max)  Operating Temperature (Max)  Operating Temperature (Max)  Operating Temperature Range  Operating Temperature Range  Operating Temperature Range  Industry Standards  Degree of Protection  UL Flammability Rating  Packaging Features  Packaging Quantity  Packaging Method  Other	Dimensions	
Usage Conditions  Operating Temperature (Max)  Operating Temperature (Max)  To °C, 75 °C, 80 °C, 85 °C, 90 °C, 100 °C, 105 °C, 110 °C, 120 °C[158 °F][176 °F][176 °F][176 °F][185 °F][194 °F][212 °F][221 °F][230 °F][248 °F]  Operating Temperature Range  -40 – 120 °C[-40 – 248 °F]  Industry Standards  Degree of Protection  UL Flammability Rating  Packaging Features  Packaging Quantity  Packaging Method  Other	Connector Height	32.8 mm[1.291 in]
Operating Temperature (Max)  70 °C, 75 °C, 80 °C, 85 °C, 90 °C, 100 °C, 105 °C, 110 °C, 120 °C[158 °F][176 °F][176 °F][176 °F][185 °F][185 °F][194 °F][212 °F][221 °F][230 °F][248 °F]  Operating Temperature Range  -40 – 120 °C[-40 – 248 °F]  Industry Standards  Degree of Protection  IP69K  UL 94HB  Packaging Features  Packaging Quantity  500  Packaging Method  Box  Other	Product Length	31 mm[1.22 in]
105 °C, 110 °C, 120 °C[158 °F][176 °F][176 °F][176 °F][185 °F][194 °F][212 °F][221 °F][230 °F][248 °F]  Operating Temperature Range  -40 – 120 °C[-40 – 248 °F]  Industry Standards  Degree of Protection  IP69K  UL Flammability Rating  UL 94HB  Packaging Features  Packaging Quantity  500  Packaging Method  Box  Other	Usage Conditions	
Industry Standards  Degree of Protection IP69K  UL Flammability Rating UL 94HB  Packaging Features  Packaging Quantity 500  Packaging Method Box  Other	Operating Temperature (Max)	105 °C, 110 °C, 120 °C[158 °F][167 °F][176 ° F][185 °F][194 °F][212 °F][221 °F][230 °F][248
Degree of Protection IP69K  UL Flammability Rating UL 94HB  Packaging Features  Packaging Quantity 500  Packaging Method Box  Other	Operating Temperature Range	-40 - 120 °C[-40 - 248 °F]
UL Flammability Rating  Packaging Features  Packaging Quantity  Packaging Method  Other	Industry Standards	
Packaging Features  Packaging Quantity  Packaging Method  Box  Other	Degree of Protection	IP69K
Packaging Quantity  Packaging Method  Box  Other	UL Flammability Rating	UL 94HB
Packaging Method  Other	Packaging Features	
Other	Packaging Quantity	500
	Packaging Method	Box
Serviceable No	Other	
	Serviceable	No
Connector Position Assurance Capable No	Connector Position Assurance Capable	



# **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 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

















# Customers Also Bought











## **Documents**

Product Drawings
2,5MM BU-GEH 2P,GR

English

**CAD Files** 

3D PDF

3D

**Customer View Model** 

ENG\_CVM\_CVM\_2-967325-3\_D\_c-2-967325-3-d.2d\_dxf.zip

English

**Customer View Model** 

ENG\_CVM\_CVM\_2-967325-3\_D\_c-2-967325-3-d.3d\_igs.zip

English

**Customer View Model** 

ENG\_CVM\_CVM\_2-967325-3\_D\_c-2-967325-3-d.3d\_stp.zip

English

By downloading the CAD file I accept and agree to the **Terms and Conditions** of use

Housing for Female Terminals, Wire-to-Wire, 4 Position, .276 in [7 mm] Centerline, Sealable, Gray, Cable Mount (Free-Hanging)



Datasheets & Catalog Pages

**CONNECTOR SELECTOR** 

English

**Product Specifications** 

**Product Specification** 

English