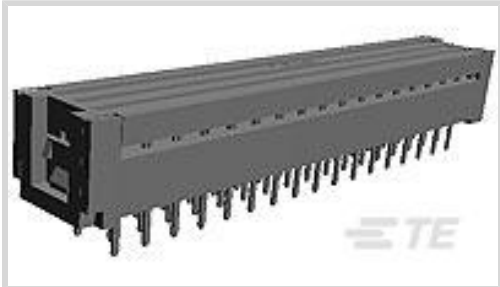




Connectors > PCB Connectors > Wire-to-Board Connectors > FFC, FPC & Ribbon Connectors > Ribbon Cable Connectors



Connector System: **Wire-to-Board**
Number of Positions: **68**
Centerline (Pitch): **.64 mm, 1.27 mm [.05 in]**
PCB Mount Retention: **Without**
PCB Mount Orientation: **Vertical**

Features

Product Type Features

Connector Type	Connector Assembly
Ribbon Cable Connector Type	Paddleboard
Ribbon Cable Connector Header Type	Shrouded
Connector Product Type	Connector Assembly
Connector System	Wire-to-Board
Connector & Housing Type	Plug
Connector & Contact Terminates To	Printed Circuit Board, Wire & Cable

Configuration Features

Compatible With Wire & Cable Type	Ribbon Cable
Number of Positions	68
PCB Mount Orientation	Vertical
Number of Rows	4

Electrical Characteristics

Insulation Resistance	5000 MΩ
Operating Voltage	30 VAC

Contact Features

PCB Contact Termination Area Plating Material Thickness	2.54 – 5.08 μm[100 – 200 μin]
Contact Type	Pin
Wire Contact Termination Area Plating Material Thickness	2.54 – 5.08 μm[100 – 200 μin]



Wire Contact Termination Area Plating Material	Tin-Lead
	100 µin
Contact Shape & Form	Square
PCB Contact Termination Area Plating Material	Tin-Lead
Contact Base Material	Copper Alloy
Contact Current Rating (Max)	.5 A

Termination Features

Rectangular Termination Post & Tail Thickness	.2 mm[.008 in]
Rectangular Termination Post & Tail Width	.61 mm[.024 in]
Termination Post & Tail Length	2.54 mm[.1 in]
Termination Method to Printed Circuit Board	Through Hole - Solder
Termination Method to Wire & Cable	Insulation Displacement Crimp (IDC)

Mechanical Attachment

Mating Alignment	With
PCB Mount Alignment	Without
Panel Mount Feature	Without
PCB Mount Retention	Without
Mating Alignment Type	Polarization
Mating Retention	Without
Connector Mounting Type	Board Mount

Housing Features

Housing Material	Thermoplastic
Housing Color	Black
Centerline (Pitch)	.64 mm, 1.27 mm[.05 in]

Dimensions

Connector Length	47.9 mm[1.89 in]
Connector Height	6.93 mm[.548 in]
PCB Thickness (Recommended)	1.57 mm[.062 in]
Wire Size	32 – 30 AWG
Row-to-Row Spacing	2 mm

Usage Conditions

Operating Temperature Range	-65 – 105 °C[-85 – 221 °F]
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Operation/Application

Circuit Application	Signal
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Industry Standards

UL Flammability Rating	UL 94V-0
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Packaging Features

Packaging Quantity	70
Packaging Method	Tray

Other

Comment	Mates with Receptacles
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Product Compliance

For compliance documentation, visit the product page on TE.com>

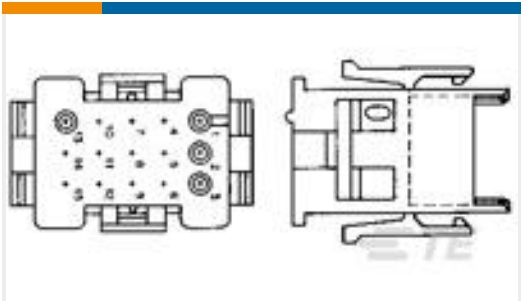
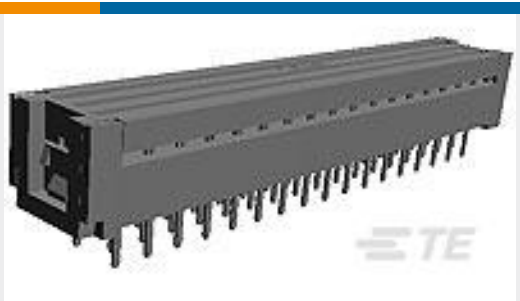
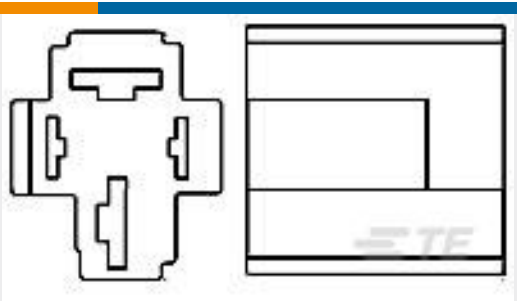
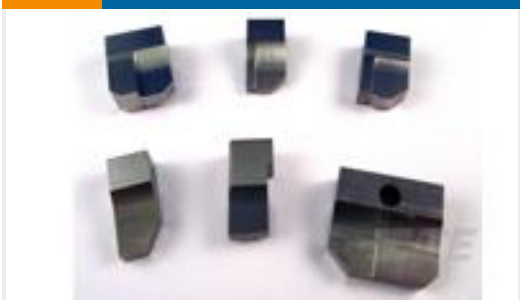
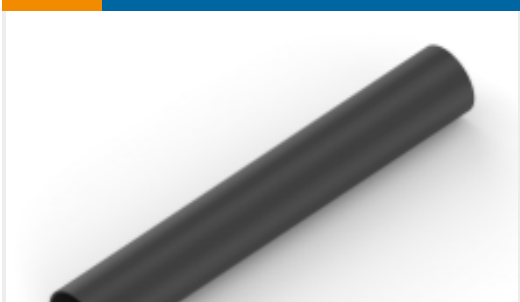
EU RoHS Directive 2011/65/EU	Compliant
EU ELV Directive 2000/53/EC	Compliant
China RoHS 2 Directive MIIT Order No 32, 2016	No Restricted Materials Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JAN 2021 (211) Candidate List Declared Against: JUL 2019 (201) SVHC > Threshold: Not Yet Reviewed
Halogen Content	Not Low Halogen - contains Br or Cl > 900 ppm.
Solder Process Capability	Wave solder capable to 265°C

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>

Customers Also Bought



 TE Part #104257-9 10 MTE RCPT HSG SR LATCH .100	 TE Part #1-640516-0 36P MR II CAP HSG V0 RED	 TE Part #1-5111595-1 050 ASSY SYS 50 PADDLEBOARD	 TE Part #1393310-4 VCF7-1000=FROM SEC
 TE Part #1-1633128-5 ANVIL, COMBINATION .055	 TE Part #1-1986469-2 TSB2000K12DSHT=EUROPA BL,14.5M	 TE Part #1-456401-7 CRIMPER, WIRE .042 "F"	 TE Part #1658013-5 MSB0.80PL5ASY200FL,-,10,-TY
 TE Part #NB14134001 VERSAFIT-1/2-0-SP	 TE Part #1-1633713-2 CRIMPER, WIRE PREMIUM .036		

Documents

Product Drawings
068 ASSY SYS 50 PADDLEBOARD

English

CAD Files
3D PDF
3D
Customer View Model
ENG_CVM_CVM_1-5111595-9_C.2d_dxf.zip

English

Customer View Model
ENG_CVM_CVM_1-5111595-9_C.3d_igs.zip

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Customer View Model
ENG_CVM_CVM_1-5111595-9_C.3d_stp.zip

English

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Datasheets & Catalog Pages



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[Application Specification](#)

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