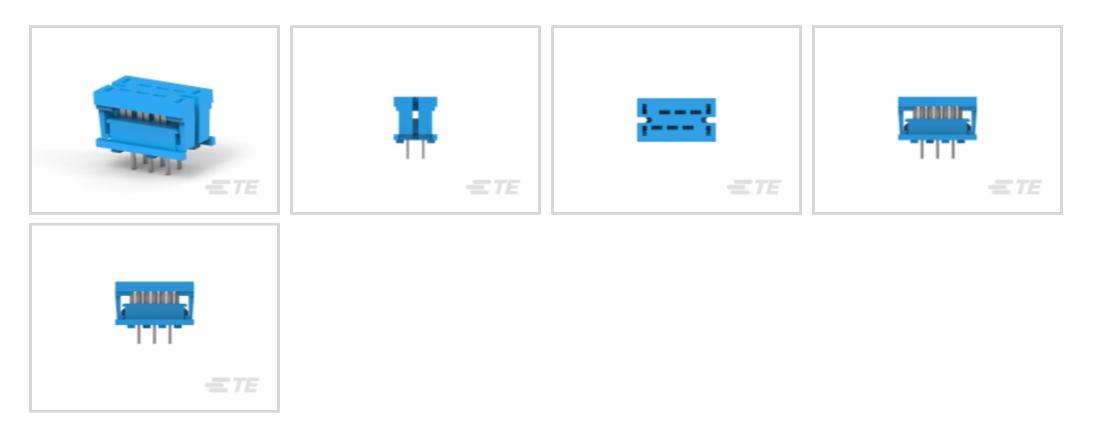


AMPMODU

TE Internal #: 1658525-4 Ribbon Cable Connectors, Wire-to-Board, 6 Position, 2.54 mm [.1 in] Centerline, Vertical, Through Hole - Solder, 2 Row, Plug View on TE.com >



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



Connector System: Wire-to-Board

Number of Positions: 6

Centerline (Pitch): 2.54 mm [.1 in]

PCB Mount Retention: Without

PCB Mount Orientation: Vertical

Features

Product Type Features

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		
Number of Positions	6	
PCB Mount Orientation	Vertical	
Number of Rows	2	
Body Features		
Primary Product Color	Blue	
Contact Features		
PCB Contact Termination Area Plating Material Thickness	2.54 μm[100 μin]	
Wire Contact Termination Area Plating Thickness	2.54 μm[100 μin]	

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1658525-4

Ribbon Cable Connectors, Wire-to-Board, 6 Position, 2.54 mm [.1 in] Centerline, Vertical, Through Hole - Solder, 2 Row, Plug



Wire Contact Termination Area Plating Material	Tin	
Contact Mating Area Plating Material	Tin	
PCB Contact Termination Area Plating Material	Tin	
Contact Current Rating (Max)	1 A	
Termination Features		
Rectangular Termination Post & Tail Thickness	.36 mm[.014 in]	
Rectangular Termination Post & Tail Width	.46 mm[.018 in]	
Termination Method to Wire & Cable	Insulation Displacement (IDC)	
Termination Method to Printed Circuit Board	Through Hole - Solder	
Mechanical Attachment		
PCB Mount Retention	Without	
Mating Retention	Without	
Connector Mounting Type	Board Mount	
Housing Features		
Centerline (Pitch)	2.54 mm[.1 in]	
Dimensions		
Row-to-Row Spacing	2.54 mm[.1 in]	

Usage Conditions

Operating Temperature Range	-55 – 125 °C[-67 – 257 °F]	
Operation/Application		
Circuit Application	Signal	
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 2024 (240) Candidate List Declared Against: JAN 2024 (240) Does not contain REACH SVHC	
Halogen Content	Not Low Halogen - contains Br or Cl > 900 ppm.	

1658525-4

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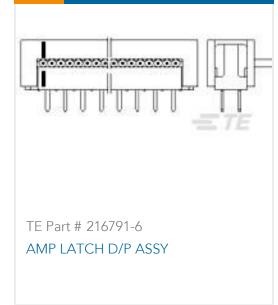
Solder Process Capability

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-onreach

Compatible Parts



Customers Also Bought

TTE	OP - TE		
TE Part #5749111-4	TE Part #2-35345-1	TE Part #4-745130-1	TE Part #5749193-2
50 50SR CABLE PLUG ASSY	PIDG Ring Tongue Terminals	SHLDING FERRULE,PLTD,BULK PKG	50 50SR KIT,ST,UK
म्म्यूम्म्य्यूम्य्य्य्य्य्य्य्य्य्य्य्य्	ETE		
TE Part #1-111196-8	TE Part #52955-1	TE Part #103653-6	TE Part #7-745129-4
20 RCPT SYSTEM 50, LEAD FREE	TERMINAL,PG SPR SPD 16-14 6	07 MTE SHRD PIN HSG SR LATCH	SHLDING FERRULE,PLTD,BULK PKG

1658525-4

Ribbon Cable Connectors, Wire-to-Board, 6 Position, 2.54 mm [.1 in] Centerline, Vertical, Through Hole - Solder, 2 Row, Plug





Documents

Product Drawings 622-0653LF, PCB IDC, LEAD FREE

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_1658525-4_B.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_1658525-4_B.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_1658525-4_B.3d_stp.zip

English

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

Datasheets & Catalog Pages Ribbon Cable Interconnect Solutions

English