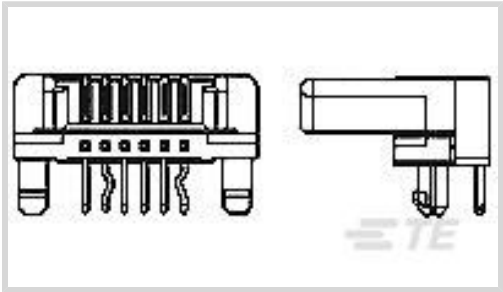




Connectors > PCB Connectors > Board-to-Board Connectors > Board-to-Board Headers & Receptacles



PCB Connector Assembly Type: **PCB Mount Receptacle**

PCB Mount Orientation: **Right Angle**

Connector System: **Board-to-Board**

Number of Positions: **10**

Centerline (Pitch): **1.25 mm [.049 in]**

Features

Product Type Features

PCB Connector Assembly Type	PCB Mount Receptacle
Connector System	Board-to-Board
Sealable	No
Connector & Contact Terminates To	Printed Circuit Board

Configuration Features

Number of Rows	1
PCB Mount Orientation	Right Angle
Number of Positions	10

Electrical Characteristics

Insulation Resistance	100 MΩ
Operating Voltage	50 VAC

Contact Features

Contact Layout	Inline
Mating Tab Width	1.6 mm[.063 in]
Mating Tab Thickness	.25 mm[.01 in]
Contact Base Material	Phosphor Bronze
Contact Mating Area Plating Material	Tin
Contact Mating Area Plating Material Thickness	.8 μm[31.5 μin]



Contact Type	Receptacle
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Contact Current Rating (Max)	1 A
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Termination Features

Rectangular Termination Post & Tail Thickness	.6 mm[.024 in]
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Rectangular Termination Post & Tail Width	.4 mm[.016 in]
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Termination Post & Tail Length	3.2 mm[.126 in]
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Termination Method to Printed Circuit Board	Through Hole - Solder
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Mechanical Attachment

PCB Mount Retention Type	Kinked Legs
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Mating Alignment	With
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Mating Alignment Type	Self-Aligning (Alignment Free)
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PCB Mount Retention	With
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PCB Mount Alignment	With
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Connector Mounting Type	Board Mount
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Housing Features

Mating Entry Location	Side
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Centerline (Pitch)	1.25 mm[.049 in]
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Housing Color	White
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Housing Material	Nylon 6/6 GF
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Dimensions

Connector Height	5.4 mm[.213 in]
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Row-to-Row Spacing	3 mm[.118 in]
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PCB Thickness (Recommended)	1.6 mm[.062 in]
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Usage Conditions

Operating Temperature Range	-30 – 105 °C[-22 – 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	264
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Packaging Method	Box & Tray, Tray
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Product Compliance

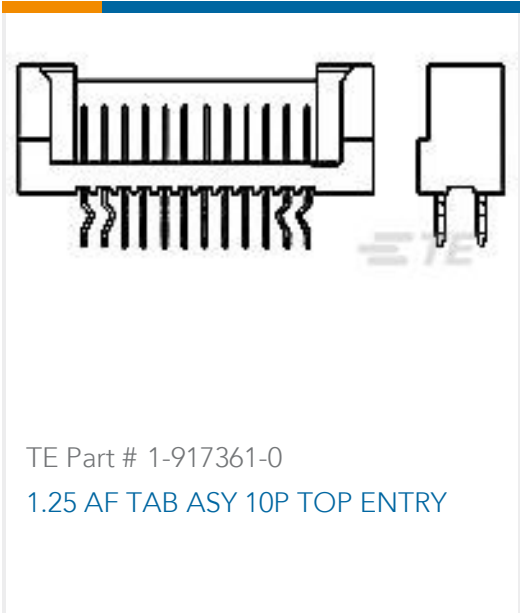
For compliance documentation, visit the product page on TE.com>

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 2017 (174) SVHC > Threshold: Not Yet Reviewed
Halogen Content	Low Halogen - Br, Cl, F, I < 900 ppm per homogenous material. Also BFR/CFR/PVC Free
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 Regulations, TE’s information on SVHC in articles for this part number is still based on the European Chemical Agency (ECHA) ‘Guidance on requirements for substances in articles’(Version: 2, April 2011), applying the 0.1% weight on weight concentration threshold at the finished product level. TE is aware of the European Court of Justice ruling of September 10th, 2015 also known as O5A (Once An Article Always An Article) stating that, in case of ‘complex object’, the threshold for a SVHC must be applied to both the product as a whole and simultaneously to each of the articles forming part of its composition. TE has evaluated this ruling based on the new ECHA “Guidance on requirements for substances in articles” (June 2017, version 4.0) and will be updating its statements accordingly.

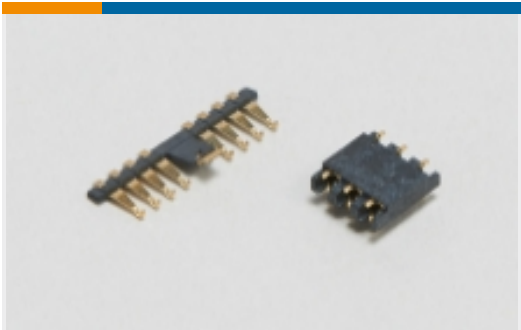
Compatible Parts



Also in the Series | AMPMODU 2 mm



Board-to-Board Headers & Receptacles(7246)



Compression Headers & Receptacles(1)



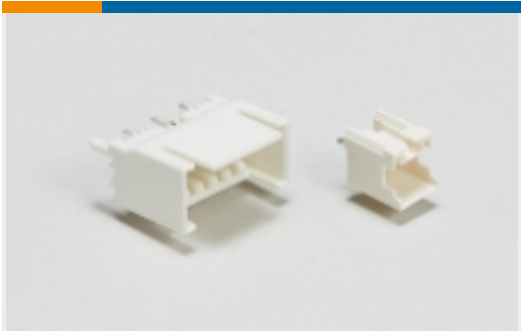
Ribbon Connector Accessories(1)



Wire-to-Board Connector Assemblies & Housings(109)



Wire-to-Board Connector Contacts(27)



Wire-to-Board Headers & Receptacles (1)

Customers Also Bought



TE Part #1-1871673-3
DYNAMIC 1200 HDR ASSY



TE Part #1-2271457-8
DYNAMIC 3950 ASSY



TE Part #1-172330-2
4CIR MINI-UMNL CAP RED



TE Part #1-2040558-3
DYNAMIC 1200D HDR ASSY V 6P X BLACK TIN



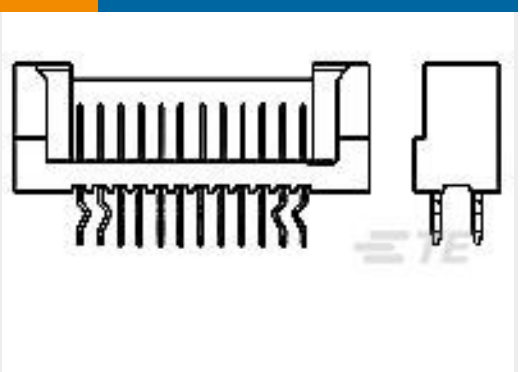
TE Part #1-2040558-6
DYNAMIC 1200D HDR ASSY V 12P X BLACK TIN



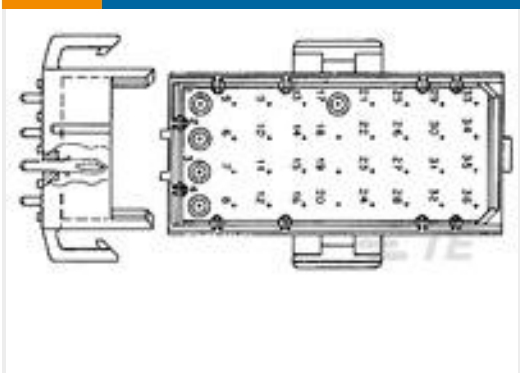
TE Part #1-2349825-8
D4950 REC 8POSN 1ROW TRAY AU



TE Part #1-2349849-8
D4950 HDR H STD 8POSN 1ROW TRAY AU



TE Part #1-917361-0
1.25 AF TAB ASY 10P TOP ENTRY



TE Part #1318699-2
MR HDR ASSY 6P COATING



TE Part #P5407601200-000
PN-507939_PLASTIC DUST CAP, M12

Documents



Product Drawings

1.25 AF REC ASY 10P B/TRAY

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_1-917360-0_C.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_1-917360-0_C.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_1-917360-0_C.3d_stp.zip

English

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

Product Specifications

Product Specification

Japanese

Crimping Multi-Interlock Connector Contacts

Japanese