

111782-8 ✓ ACTIVE



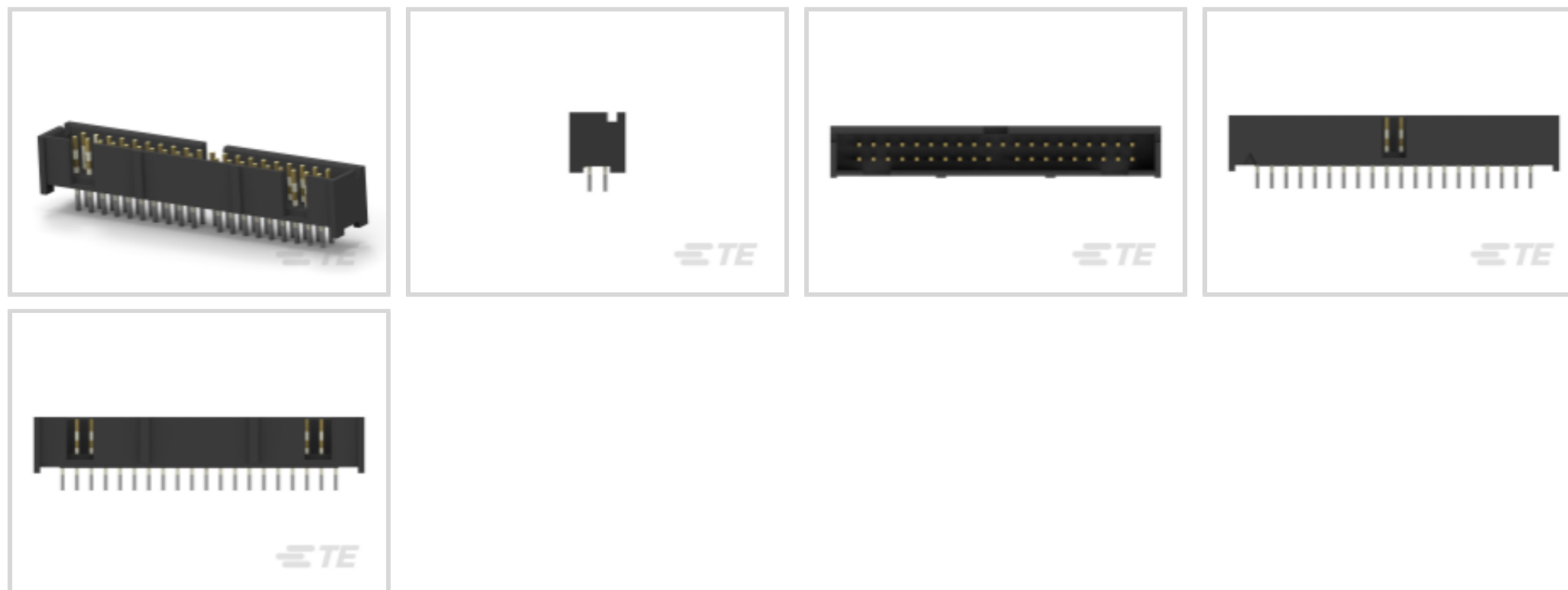
AMP-LATCH

TE Internal #: 111782-8

Board-to-Board, 40 Position, 2.54 mm [.1 in] Centerline, Vertical, Through Hole - Solder, 2 Row, Receptacle, Low Profile, Ribbon Cable Connectors

[View on TE.com >](#)

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



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

Number of Positions: **40**

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

PCB Mount Retention: **Without**

PCB Mount Orientation: **Vertical**

Features

Contact Features

	15 µin
Contact Current Rating (Max)	1 A
Contact Underplating Material	Palladium Nickel
Mating Square Post Dimension	.64 mm[.025 in]
Contact Shape & Form	Square
PCB Contact Termination Area Plating Material Thickness	2.54 µm[100 µin]
Contact Mating Area Plating Material	Gold Flash, Gold Flash over Palladium Nickel, Gold
PCB Contact Termination Area Plating Material	Tin-Lead
Contact Type	Pin

Product Type Features

Connector System	Board-to-Board
Connector & Housing Type	Receptacle
Connector & Contact Terminates To	Printed Circuit Board



Connector Product Type	Connector Assembly
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Ribbon Cable Connector Header Type	Pin Header
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Configuration Features

Number of Positions	40
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PCB Mount Orientation	Vertical
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Number of Rows	2
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Housing Features

Centerline (Pitch)	2.54 mm [.1 in]
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Housing Material	Nylon - GF
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Mechanical Attachment

PCB Mount Retention	Without
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Mating Alignment Type	Dual Polarizing Bar, Center
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Mating Retention	Without
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Connector Mounting Type	Board Mount
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Panel Mount Feature	Without
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Mating Alignment	With
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PCB Mount Alignment	With
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Termination Features

Termination Method to PCB	Through Hole - Solder
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Termination Post & Tail Length	3.05 mm [.12 in]
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Square Termination Post & Tail Dimension	.64 mm [.025 in]
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Dimensions

Row-to-Row Spacing	2.54 mm [.1 in]
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Shrouded End Dimension	3.94 mm [.155 in]
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Connector Height	9.86 mm [.39 in]
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Connector Length	2.3 mm, 58.42 mm
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Body Features

Connector Profile	Low
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Daisy Chain	With
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Primary Product Color	Black
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Operation/Application

Circuit Application	Signal
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Solder Process Feature

Solder Dipped

Usage Conditions

Operating Temperature Range

-65 – 105 °C[-85 – 221 °F]

Housing Temperature Rating

Standard

Other

EU RoHS Compliance

Not Compliant

EU ELV Compliance

Compliant with Exemptions

Electrical Characteristics

Insulation Resistance

5000 MΩ

Industry Standards

UL Flammability Rating

UL 94V-0

Packaging Features

Packaging Quantity

40

Packaging Method

Tube

Product Compliance

[For compliance documentation, visit the product page on TE.com>](#)

EU RoHS Directive 2011/65/EU

Not Compliant

EU ELV Directive 2000/53/EC

Compliant with Exemptions

China RoHS 2 Directive MIIT Order No 32, 2016

Restricted Materials Above Threshold

EU REACH Regulation (EC) No. 1907/2006

Current ECHA Candidate List: JUNE 2024 (241)

Candidate List Declared Against: JUNE 2024 (241)

SVHC > Threshold:

Pb (13% in Component Part)

Article Safe Usage Statements:

Do not eat, drink or smoke when using this product. Wash thoroughly after handling. Recycle if possible and dispose of the article by following all applicable governmental regulations relevant to your geographic location.

Halogen Content

BFR/CFR/PVC Free, but Br/Cl >900 ppm in other sources.

Solder Process Capability

Not lead free process capable

Product Compliance Disclaimer

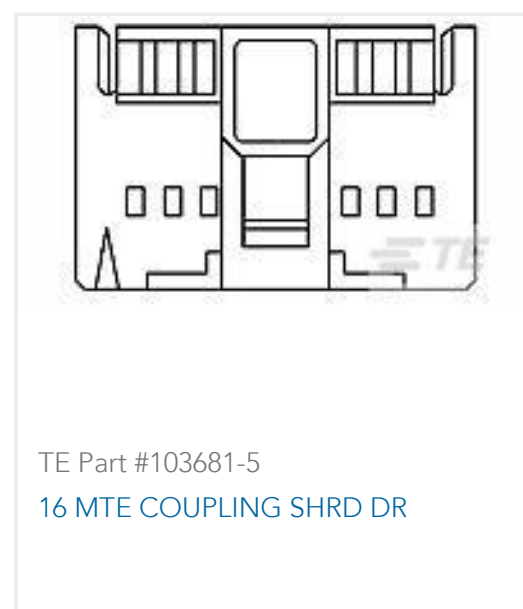
This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight 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](#)



[039/040 LOPRO HDR SP 15DP](#)

English

[039/040 LOPRO HDR SP 15DP](#)

English

CAD Files

3D PDF

3D

Customer View Model

[ENG_CVM_CVM_111782-8_G.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_111782-8_G.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_111782-8_G.3d_stp.zip](#)

English

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

Product Specifications

Product Specification

English