

1658527-3 ✓ ACTIVE



AMP-LATCH

TE Internal #: 1658527-3

Ribbon Cable Connectors, Wire-to-Board, 10 Position, 2.54 mm [.1 in] Centerline, 2 Row, Receptacle, Polarization Mating Alignment Type, Wire & Cable

[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: **10**

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

Row-to-Row Spacing: **2.54 mm [.1 in]**

Number of Rows: **2**

Features

Product Type Features

| | |
|-----------------------------------|--------------------|
| Connector Product Type | Connector Assembly |
| Connector System | Wire-to-Board |
| Connector & Housing Type | Receptacle |
| Connector & Contact Terminates To | Wire & Cable |

Configuration Features

| | |
|---------------------|----|
| Number of Positions | 10 |
| Number of Rows | 2 |

Body Features

| | |
|-----------------------|------|
| Primary Product Color | Blue |
|-----------------------|------|

Contact Features

| | |
|---|--------------------------|
| Mating Square Post Dimension | .64 mm[.025 in] |
| Wire Contact Termination Area Plating Thickness | .127 μ m[5 μ in] |
| Wire Contact Termination Area Plating Material | Gold Flash |
| | 30 μ in |



| | |
|--------------------------------------|------|
| Contact Mating Area Plating Material | Gold |
|--------------------------------------|------|

| | |
|------------------------------|-----|
| Contact Current Rating (Max) | 1 A |
|------------------------------|-----|

Termination Features

| | |
|------------------------------------|-------------------------------|
| Termination Method to Wire & Cable | Insulation Displacement (IDC) |
|------------------------------------|-------------------------------|

Mechanical Attachment

| | |
|-----------------------|--------------|
| Mating Alignment Type | Polarization |
|-----------------------|--------------|

| | |
|------------------|---------|
| Mating Retention | Without |
|------------------|---------|

| | |
|-------------------------|----------------------------|
| Connector Mounting Type | Cable Mount (Free-Hanging) |
|-------------------------|----------------------------|

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: JUNE 2023 (235) Candidate List Declared Against: JUNE 2023 (235) Does not contain REACH SVHC |
|--|---|

| | |
|-----------------|--|
| Halogen Content | Not Low Halogen - contains Br or Cl > 900 ppm. |
|-----------------|--|

| | |
|---------------------------|--|
| 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



TE Part # CAT-AM74-UN384H
AMP-LATCH UNIVERSAL HEADERS



TE Part # 5088450-2
PULL LOOP, CUT LENGTH .44 IN



TE Part # 1-111504-4
10 UNIV I/O, NO EARS, LEAD FREE



TE Part # 104128-1
010 LOPRO HDR SP 30DP LATCH



TE Part # 2-1761605-3
IDC LOW PRO HDR 10P RA BLUE



TE Part # 1761681-3
IDC LOW PRO HDR 10P VERT HT BLACK



TE Part # 2-1761603-3
IDC LOW PRO HDR 10P VERT BLUE



TE Part # 1761607-3
IDC LOW PRO HDR 10P RA LG LAT



TE Part # 5104338-1
A/L LOW PRO HDR 10P VERT HT



TE Part # 5103311-1
A/L LOW PRO HDR 10P RA BLACK



TE Part # 2-1761713-3
IDC LOW PRO HDR 10P VERT SHT L



TE Part # 1761609-3
IDC LOW PRO HDR 10P RA SHT LAT



TE Part # 1-111506-6
010 UNIV I/O 30DP SLOT LTCH



TE Part # 1761606-3
IDC LOW PRO HDR 10P VERT LG LAT BLK



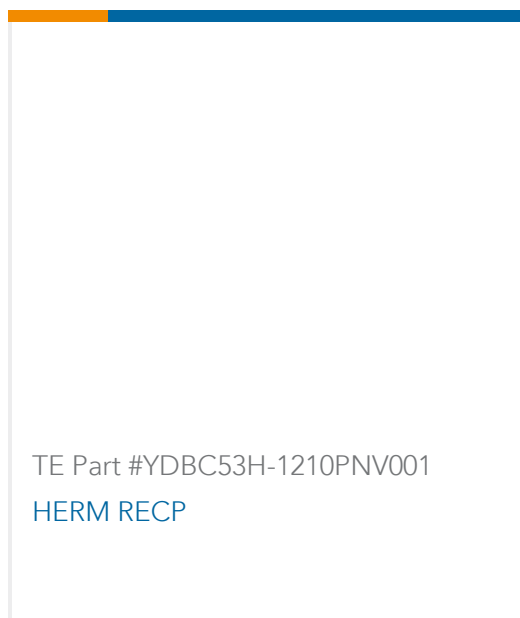
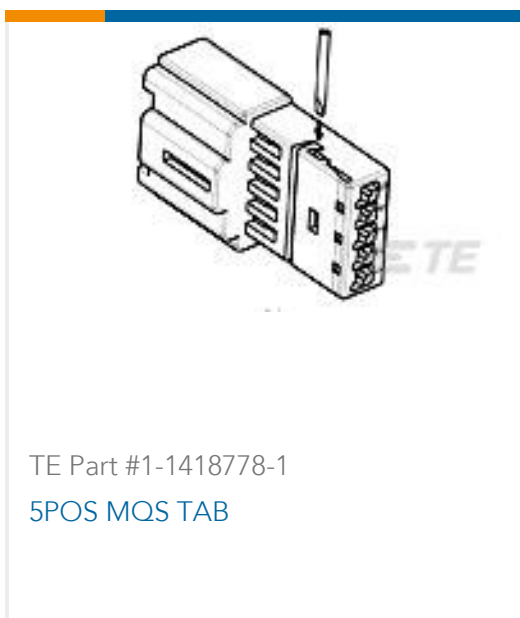
TE Part # 2-1761711-3
IDC LOW PRO HDR 10P VERT LG LA



TE Part # 1761608-3
IDC LOW PRO HDR 10P VERT SHT L



Customers Also Bought



Documents

Product Drawings

[622-1030LF FEM SOCKT, LEAD FREE](#)

English

CAD Files

[3D PDF](#)

3D

Customer View Model

[ENG_CVM_CVM_1658527-3_C.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_1658527-3_C.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_1658527-3_C.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

Instruction Sheets

Instruction Sheet (U.S.)

English