



+ CONNECTORS

RIBBON CABLE CONNECTORS



✓ Active

TE CONNECTIVITY (TE)
IDC LOW PRO HDR 10P RA HT BLACK

AMP-LATCH | [Low Profile Headers](#)

1761682-3
TE Internal Number: 1761682-3

[EU RoHS Compliant](#)
[EU ELV Compliant](#)

Connector System Wire-to-Board
Number of Positions 10
Centerline (Pitch) 2.54 mm [.1 in]
PCB Mount Retention Without
PCB Mounting Orientation Right Angle

[↓](#) **PRODUCT DRAWING**
English

[↓](#) **3D PDF**

DOCUMENTATION

Product Drawings

HEADER ASSEMBLY, HIGH TEMP, RIGHT ANGLE, LOW PROFILE, IDC
PDF
English

CAD Files

3D PDF
PDF
3D

Customer View Model
2D_DXF.ZIP
English

Customer View Model

3D_IGS.ZIP

English

Customer View Model

3D_STP.ZIP

English

Product Specifications

Product Specification

AMP-LATCH And IDC Header Connectors, .100 X .100 Inch Grid

PDF

English

Product Environmental Compliance

TE Material Declaration

MD_1761682-3_092220132322_dmtec

PDF

English

FEATURES



Please review product documents or [contact us](#) for the latest agency approval information.

Please Note: Use the Product Drawing for all design activity.

Product Type Features

- Header Type** Pin Header
- Connector System** Wire-to-Board
- PCB Mounting Orientation** Right Angle
- Shrouded** Yes
- Row-to-Row Spacing** 2.54 mm [.1 in]
- Connector Style** Plug
- Profile** Low
- Connector & Contact Terminates To** Printed Circuit Board
- Wire/Cable Type** Wave solder capable to 260°C
- Connector Type** Header
- Board Standoff** Without
- Product Type** Connector

Configuration Features

- Number of Positions** 10
- Number of Rows** 2
- Ejection Latches** Without

Electrical Characteristics

- Operating Voltage (VAC)** 250
- Insulation Resistance (MΩ)** 1000 – 5000

Body Features

Post Size	.64 mm [.025 in]
Daisy Chain	With
Contact Features	
Solder Tail Contact Plating Material	Tin over Nickel
Contact Shape	Square
Contact Current Rating (Max) (A)	1
Contact Mating Area Plating Material	Gold
Contact Type	Pin
Contact Termination Area Plating Thickness	2.54 µm [100 µin]
Contact Base Material	Phosphor Bronze
Contact Transmits (Typical)	Signal (Data)
Contact Termination Area Plating Material	Tin
Contact Mating Area Plating Thickness (µin)	15
Solder Tail Contact Plating Thickness	Wave solder capable to 240°C
Termination Features	
Termination Method to PC Board	Through Hole
Termination Post Length	2.9 mm [.114 in]
Mechanical Attachment	
Panel Mount Retention Type	Wave solder capable to 240°C
Panel Mount Retention	Without
PCB Mount Alignment	Without
PCB Mount Retention	Without
Mating Alignment Type	Center
Mating Connector Lock	Without
Mating Alignment	With
Mating Retention	Without
Polarization	With
Housing Features	
Centerline (Pitch)	2.54 mm [.1 in]
Housing Entry Style	Top
Housing Material	PCT
Housing Color	Black
Housing Style	4-Sided
Dimensions	
Shrouded End Dimension	3.81 mm [.15 in]
Height	8.89 mm [.35 in]
Length	20.32 mm [.8 in]
Usage Conditions	
Operating Temperature Range (°C)	-65 – 105
Temperature Rating	High
Operation/Application	
For Use With	AMP-Latch Receptacle
Industry Standards	

UL Flammability Rating UL 94V-0

Packaging Features

Packaging Method Package

Packaging Quantity 50

PRODUCT COMPLIANCE



Statement of Compliance

Statement of Compliance

PDF