



RIBBON CABLE CONNECTORS



TE CONNECTIVITY (TE)

020 LOPRO HDR SP 30DP

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

103309-5

TE Internal Number: 103309-5

5 of 6 EU RoHS/ELV Compliant

[Find Compliant Alternatives](#)

Centerline **2.54 mm [.1 in]**

PCB Mount Retention **Without**

PCB Mounting Orientation **Vertical**

Termination Method to PC Board **Through Hole - Solder**

Shrouded **Yes**

✓ Active

↓ **PRODUCT DRAWING**
English

↓ **3D PDF**

Product Drawings

[HEADER ASSY, LOW PROFILE, AMP-LATCH](#)

PDF
English

CAD Files

[Customer View Model](#)

2D_DXF.ZIP
English

[Customer View Model](#)

3D_IGS.ZIP
English

[Customer View Model](#)

3D_STP.ZIP
English

[3D PDF](#)

PDF
English

Product Environmental Compliance

TE Material Declaration

[020 LOPRO HDR SP 30DP](#)

PDF
English

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

PCB Mounting Orientation

Vertical

Shrouded

Yes

Row-to-Row Spacing

2.54 mm [.1 in]

Connector Style

Receptacle

Profile

Low

	Applies To	Printed Circuit Board
	Product Type	Connector
	Board Standoff	Without
	Connector Type	Header
	Connector System	Board-to-Board
	Ejection Latches	Without
Configuration Features	Number of Positions	20
	Number of Rows	2
Electrical Characteristics	Insulation Resistance (MΩ)	5000
Body Features	Post Size	.64 mm [.025 in]
	Header Type	Pin Header
	Daisy Chain	With
Contact Features	Contact Mating Area Plating Material	Gold Flash over Palladium Nickel, Gold
	Contact Design	Solder Dip
	Contact Shape	Square
	Contact Transmits (Typical)	Signal (Data)
	Solder Tail Contact Plating Material	Tin-Lead over Nickel
	Contact Current Rating (A)	1
	Contact Base Material	Copper Alloy
	Contact Mating Area Plating Thickness (µin)	30
	Contact Type	Pin
	Contact Termination Area Plating Material	Gold Flash over Palladium Nickel
	Contact Termination Area Plating Thickness	2.54 µm [100 µin]
Termination Features	Termination Method to PC Board	Through Hole - Solder
	Termination Post Length	3.05 mm [.12 in]
Mechanical Attachment	PCB Mount Retention	Without
	Mating Alignment Type	Center, Dual Polarizing Bar
	Mating Connector Lock	Without
	Mating Alignment	With
	Polarization	With

Panel Mount Retention	Without
Mating Retention	Without
PCB Mount Alignment	With

Housing Features	Centerline	2.54 mm [.1 in]
	Housing Color	Black
	Housing Style	4-Sided
	Housing Material	Thermoplastic

Dimensions	Height	9.77 mm [.38 in]
	Length (mm)	1.3, 33.02
	Shrouded End Dimension	3.81 mm [.15 in]

Usage Conditions	Temperature Rating	Standard
	Operating Temperature Range (°C)	-65 – 105

Industry Standards	UL Flammability Rating	UL 94V-0
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Packaging Features	Packaging Method	Tube
	Packaging Quantity	75

Product Compliance

[Statement of Compliance](#)
PDF

[VIEW ALL PRODUCT COMPLIANCE](#)

CUSTOMERS ALSO BOUGHT

MINI-SAS CONNECTORS	BOARD-TO-BOARD HEADERS & RECEPTACLES	SPLICES	TERMINAL BLOCK HEADERS & RECEPTACLES
<p>Recep Conn Assm Right Angle26P 1761987-7</p> <p> Save to List</p> <p> Find Similar Products</p>	<p>20 BLDMATE RCPT ASSY LEAD FREE 787653-3</p> <p> Save to List</p> <p> Find Similar Products</p>	<p>D-129-03 D-129-03</p> <p> Save to List</p> <p> Find Similar Products</p>	<p>TERMI-BLOK PCB MOUNT 35 3P.5 282847-3</p> <p> Save to List</p> <p> Find Similar Products</p>



Relation Type



RELATIONSHIP

Mating Products

Used to identify Mating Parts

[See All Mating Products](#)

PRODUCT - MATING PRODUCTS



Connectors - FFC Connectors
FFC | FFC

024 HOUSING FFC RCPT 100CL DR - 487223-6

TE INTERNAL NUMBER: 487223-6

✓ Active

Always EU RoHS/ELV Compliant

Connector Type **Housing**

Connector Style **Receptacle**

Centerline **2.54 mm**

Number of Positions **24**

Number of Rows **2**