



CONNECTORS

RIBBON CABLE CONNECTORS



✓ Active

↓ **PRODUCT DRAWING**
English

↓ **3D PDF**

TE CONNECTIVITY (TE)

10 NOVO MIL/CTR 15DP, LEAD FREE

AMP-LATCH | AMP-LATCH - NOVO

1658621-1

TE Internal Number: 1658621-1
Alias ID: 010-5186-10, 4-27202-1746

Always EU RoHS/ELV Compliant

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

PCB Mount Retention **Without**

PCB Mounting Orientation **Vertical**

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

Termination Method to Wire/Cable **Insulation Displacement Crimp (IDC)**



Product Drawings

RECEPTACLE ASSY, CENTER & MILITARY POLARIZATION, LEAD FREE, AMP-LATCH NOVO

PDF
English

CAD Files

Customer View Model

2D_DXF.ZIP
English

3D PDF

PDF
3D

Customer View Model

3D_IGS.ZIP
English

Customer View Model

3D_STP.ZIP
English

Catalog Pages/Data Sheets

Ribbon Cable Interconnect Solutions

PDF
English

Product Specifications

Product Specification	Connector, Flat Cable Round Conductor, AMP-LATCH Novo Receptacles PDF English
Application Specification	AMP-LATCH Novo Receptacles For Ribbon Cable With Conductors Having 1.27 Mm (.050 In.) Centerlines PDF English
Qualification Test Report	Connector, Flat Cable, Round Conductor, AMP-LATCH NOVO & NOVO Stackable Receptacles TIF English
	Connector, Flat Cable, Round Conductor, AMP-LATCH NOVO & NOVO Stackable Receptacles PDF English

Product Environmental Compliance

TE Material Declaration	MD_1658621-1_06092014730_dmtec PDF English
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Instruction Sheets

Instruction Sheet (U.S.)	CONNECTOR-SPECIFIC KIT 768341-1 F/AMP-LATCH STANDARD & NOVO RECEPTACLE CONNECTORS PDF English
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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	No
	Row-to-Row Spacing	2.54 mm [.1 in]
	Connector Style	Receptacle
	Profile	Low
	Applies To	Wire/Cable
	Product Type	Connector
	Board Standoff	Without
	Connector Type	Connector Assembly
	Wire/Cable Type	Ribbon Cable
	Connector System	Wire-to-Board
	Ejection Latches	Without

Configuration Features	Number of Positions	10
	Number of Rows	2

Electrical Characteristics	UL Voltage Rating (VAC)	250
	Operating Voltage (VAC)	250

	Insulation Resistance (MΩ)	5000
Body Features	Header Type	Pin Header
	Daisy Chain	Without
Contact Features	Contact Mating Area Plating Material	Gold or Palladium Nickel or Performance Based
	Contact Mating Area Plating Thickness	.38 μm [15 μin]
	Contact Design	Tuning Fork
	Contact Transmits (Typical)	Signal (Data)
	Contact Current Rating (A)	1
	Contact Base Material	Phosphor Bronze
	Contact Type	Socket
	Contact Termination Area Plating Material	Tin
	Contact Termination Area Plating Thickness	1.27 μm [50 μin]
Termination Features	Termination Method to PC Board	Through Hole - Solder
	Termination Method to Wire/Cable	Insulation Displacement Crimp (IDC)
Mechanical Attachment	PCB Mount Retention	Without
	Mating Alignment Type	Polarization
	Mating Alignment	With
	Polarization	With
	Panel Mount Retention	Without
	PCB Mount Alignment	Without
Housing Features	Centerline	2.54 mm [.1 in]
	Housing Color	Black
	Housing Material	Thermoplastic
Dimensions	Height	15.16 mm [.5968 in]
	Accepts Wire Insulation Diameter Range	.787 – .94 mm [.031 – .037 in]
	Length	17.27 mm [.6799 in]
	Width	7.49 mm [.2949 in]
	Wire/Cable Size	.08 – .15 mm², 158 – 296 CMA, 28 – 26 AWG
Usage Conditions	Operating Temperature Range	-65 – 105 °C [-85 – 221 °F]

Industry Standards	CSA File Number	LR 7189
	UL Flammability Rating	UL 94V-0
	Agency/Standard	CSA, UL
	UL Rating	Recognized
	UL File Number	E28476

Packaging Features	Packaging Method	Box/Carton
	Packaging Quantity	50

Product Compliance [Statement of Compliance](#)
PDF

[VIEW ALL PRODUCT COMPLIANCE](#)

