TE Connectivity: Every Connection Counts
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CONNECTORS

RIBBON CABLE CONNECTORS



✔ Active

PRODUCT DRAWING
English

3D PDF

TE CONNECTIVITY (TE)

ULTRA NOVO RCPT, BLU,LEAD FREE

AMP-LATCH | AMP-LATCH - NOVO

1658618-2
TE Internal Number: 1658618-2

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, 40 POS, 80 POS CABLE, MILITARY POLARIZATION, LEAD FREE, AMP-LATCH ULTRA NOVO
PDF **(TIFF AVAILABLE)**
English

RECEPTACLE ASSY, 40 POS, 80 POS CABLE, MILITARY POLARIZATION, LEAD FREE, AMP-LATCH ULTRA NOVO
PDF **(TIFF AVAILABLE)**
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

Catalog Pages/Data Sheets

Ribbon Cable Interconnect Solutions
PDF
English

Product Specifications

Product Specification
Receptacle, AMP-LATCH* Ultra Novo, Flat Cable Round Conductor
PDF
English

Application Specification
AMP-LATCH Ultra Novo Receptacle Connectors For 0.65 Mm (.025 In.) Ribbon Cable
PDF
English

Qualification Test Report
Receptacle, AMP-LATCH Ultra Novo, Flat Cable Round Conductor
PDF
English

Instruction Sheets

Instruction Sheet (U.S.)	Connector-Specific Kit 904379-1 For Ultra Novo 40-Position Receptacle Connectors TIF **English**
	Connector-Specific Kit 904379-1 For Ultra Novo 40-Position Receptacle Connectors 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	**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	**40**
	Number of Rows	**2**
Electrical Characteristics	UL Voltage Rating (VAC)	**125**
	Operating Voltage (VAC)	**125**
	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	**Dual Beam**
	Contact Transmits (Typical)	**Signal (Data)**

	Contact Current Rating (A)	**.5**
	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**
	Mating Retention	**Without**
	PCB Mount Alignment	**Without**
Housing Features	Centerline	**2.54 mm [.1 in]**
	Housing Color	**Black**
	Housing Material	**Thermoplastic**
Dimensions	Height	**12.5 mm [.4921 in]**
	Accepts Wire Insulation Diameter Range	**.64 – .74 mm [.025 – .029 in]**
	Length	**55.52 mm [2.1858 in]**
	Width	**6.1 mm [.2402 in]**
	Wire/Cable Size	**.051 mm², 101 CMA, 30 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