# 1888291-7 ✓ ACTIVE

#### **FLEXPAC**

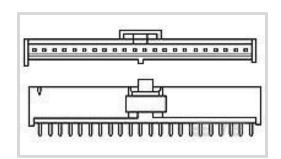
TE Internal #: 1888291-7

Header, Wire-to-Board, 7 Position, 2.54 mm [.1 in] Centerline, 1 Row, Vertical, Pin, Package, Zero Insertion Force (ZIF), Vertical, FFC

Connectors
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FFC Connector Product Type: Header

Connector System: Wire-to-Board

Number of Positions: 7

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

Number of Rows: 1

#### **Features**

#### **Product Type Features**

Connector & Contact Terminates To	Printed Circuit Board
Connector & Housing Type	Plug
FFC Connector Product Type	Header
Connector System	Wire-to-Board
Insertion Force Type	Zero Insertion Force (ZIF)
Configuration Features	
Number of Positions	7

Number of Positions	7

Number of Rows 1

## PCB Mount Orientation Vertical

#### **Body Features**

Primary Product Color Blue	Color	Blue
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#### **Contact Features**

PCB Contact Termination Area Plating Material Thickness	2.54 μm[100 μin]
Contact Layout	Inline
Contact Mating Area Plating Material	Gold (Au)
Contact Base Material	Phosphor Bronze
PCB Contact Termination Area Plating Material	Tin
Contact Mating Area Plating Material Thickness	.76 μm[30 μin]



Termination Features  Termination Mathod to PCB Ihrough Hole - Solder  Termination Mathod to PCB Ihrough Hole - Solder  Termination Post & Tail Length 2.54 mm[.1 in]  Mechanical Attachment  Meting Alignment Type Polarization  Mating Retention Type Latch  PCB Mount Retention Without  Mating Alignment With  Mating Alignment With  Panel Mount Feature Without  Connector Mounting Type Board Mount  Housing Features  Housing Material Nylon  Centerline (Pitch) 2.54 mm[.1 in]  FFC Cable Entry Vertical  Dimensions  PCB Thickness (Recommended) 1.57 mm[.062 in]  Usage Conditions  Operating Lemperature Range -55 = 105 °C[-67 - 221 °F]  Operation/Application  Circuit Application Signal  Industry Standards  UL Flammability Rating UL 94V 0  Packaging Features  Packaging Guantity 75  Packaging Method Package	Contact Type	Pin
Termination Method to PCB Termination Post & Tail Length 2.54 mm[1 in]  Mechanical Attachment  Mating Alignment Type Polarization Mating Retention Type Latch PCB Mount Retention Without Mating Retention With Mating Alignment With Mating Alignment With Panel Mount Feature Without Connector Mounting Type Housing Material Housing Material Nylon Centerline (Pitch) Centerline (Pitch) Dimensions PCB Thickness (Recommended) Usage Conditions  Operation/Application Circuit Application Signal Industry Standards UI Flammability Rating Variage Packaging Peatures Packaging Quantity 75	Contact Current Rating (Max)	2 A
Termination Post & Tail Length  Mechanical Attachment  Mating Alignment Type Polarization Mating Retention Type Latch PCB Mount Retention Without Mating Alignment With Mating Alignment With Mating Alignment With Panel Mount Feature Without Connector Mounting Type Board Mount  Housing Features  Housing Material Nylon Centerline (Pitch) 2.54 mm .1 in  FFC Cable Entry Vertical  Dimensions PCB Thickness (Recommended) 1.57 mm[.062 in]  Usage Conditions  Operating Temperature Range 55 105 °C  67 221 °F   Operation/Application Circuit Application Signal Industry Standards UL Flammability Rating UL 94V 0  Packaging Features Packaging Quantity 75	Termination Features	
Mechanical Attachment  Mating Alignment Type  Mating Retention Type  Latch  PCB Mount Retention  Mithout  Mating Alignment  Mating Alignment  Mating Alignment  With  Mating Alignment  Without  With  Mating Alignment  With  Mating Alignment  With  Mating Alignment  With  Mating Align  With  Mating Align  Nylon  2.54 mm .1 in   FIC Cable Entry  Vertical  Dimensions  PCB Thickness (Recommended)  1.57 mm[.062 in]  Usage Conditions  Operating Temperature Range  -55 = 105 °C[-67 - 221 °F]  Operation/Application  Circuit Application  Circuit Application  Signal  Industry Standards  UL Flammability Rating  UL 94V-0  Packaging Features  Packaging Quantity  75	Termination Method to PCB	Through Hole - Solder
Mating Alignment Type	Termination Post & Tail Length	2.54 mm[.1 in]
Mating Retention Type  PCB Mount Retention  Mating Retention  With  Mating Alignment  With  Panel Mount Feature  Without  Connector Mounting Type  Board Mount  Housing Features  Housing Material  Nylon  Centerline (Pitch)  PFC Cable Entry  Vertical  Dimensions  PCB Thickness (Recommended)  Usage Conditions  Operating Temperature Range  Operation/Application  Circuit Application  Circuit Application  Circuit Application  UL 94V-0  Packaging Quantity  Packaging Quantity  Vith  With  With  With  With  With  Board Mount  Vertical  Dylon  Sograf Mount  Vertical  Dylon  Sograf Mount  Usage Conditions  UL 94V-0  Packaging Quantity  75	Mechanical Attachment	
PCB Mount Retention Without Mating Retention With  Mating Alignment With  Panel Mount Feature Without  Connector Mounting Type Board Mount  Housing Features  Housing Material Nylon  Centerline (Pitch) 2.54 mm[.1 in]  FFC Cable Entry Vertical  Dimensions  PCB Thickness (Recommended) 1.57 mm[.062 in]  Usage Conditions  Operating Temperature Range -55 – 105 "C[-67 – 221 °F]  Operation/Application  Circuit Application Signal  Industry Standards  UL Flammability Rating UL 94V-0  Packaging Features  Packaging Quantity 75	Mating Alignment Type	Polarization
Mating Retention With  Mating Alignment With  Panel Mount Feature Without  Connector Mounting Type Board Mount  Housing Features  Housing Material Nylon  Centerline (Pitch) 2.54 mm[.1 in]  FFC Cable Entry Vertical  Dimensions  PCB Thickness (Recommended) 1.57 mm[.062 in]  Usage Conditions  Operating Temperature Range -55 – 105 °C[-67 – 221 °F]  Operation/Application  Circuit Application Signal  Industry Standards  UL Planmability Rating UL 94V 0  Packaging Features  Packaging Ouantity 75	Mating Retention Type	Latch
Mating Alignment Without  Panel Mount Feature Without  Connector Mounting Type Board Mount  Housing Features  Housing Material Nylon  Centerline (Pitch) 2.54 mm[.1 in]  FFC Cable Entry Vertical  Dimensions  PCB Thickness (Recommended) 1.57 mm[.062 in]  Usage Conditions  Operating Temperature Range -55 - 105 °C[-67 - 221 °F]  Operation/Application  Circuit Application Signal  Industry Standards  UL Flammability Rating UL 94V-0  Packaging Features  Packaging Quantity 75	PCB Mount Retention	Without
Panel Mount Feature Without  Connector Mounting Type Board Mount  Housing Features  Housing Material Nylon  Centerline (Pitch) 2.54 mm[.1 in]  FFC Cable Entry Vertical  Dimensions  PCB Thickness (Recommended) 1.57 mm[.062 in]  Usage Conditions  Operating Temperature Range 55 - 105 °C[.67 - 221 °F]  Operation/Application  Circuit Application  Signal  Industry Standards  UL Flammability Rating UL 94V-0  Packaging Features  Packaging Quantity 75	Mating Retention	With
Connector Mounting Type  Housing Features  Housing Material  Nylon  Centerline (Pitch)  2.54 mm[.1 in]  FFC Cable Entry  Vertical  Dimensions  PCB Thickness (Recommended)  1.57 mm[.062 in]  Usage Conditions  Operating Temperature Range  -55 – 105 °C[-67 – 221 °F]  Operation/Application  Circuit Application  Industry Standards  UL Flammability Rating  Packaging Features  Packaging Quantity  75	Mating Alignment	With
Housing Features  Housing Material  Centerline (Pitch)  2.54 mm[.1 in]  FFC Cable Entry  Vertical  Dimensions  PCB Thickness (Recommended)  1.57 mm[.062 in]  Usage Conditions  Operating Temperature Range  -55 - 105 °C[-67 - 221 °F]  Operation/Application  Circuit Application  Signal  Industry Standards  UL Flammability Rating  Packaging Features  Packaging Quantity  75	Panel Mount Feature	Without
Housing Material  Centerline (Pitch)  2.54 mm[.1 in]  FFC Cable Entry  Vertical  Dimensions  PCB Thickness (Recommended)  Usage Conditions  Operating Temperature Range  Operation/Application  Circuit Application  Signal  Industry Standards  UL Flammability Rating  Packaging Features  Packaging Quantity  Nylon  2.54 mm[.1 in]  Vertical  1.57 mm[.062 in]  Signal  UL 94V-0  Packaging Features	Connector Mounting Type	Board Mount
Centerline (Pitch)  FFC Cable Entry  Vertical  Dimensions  PCB Thickness (Recommended)  Usage Conditions  Operating Temperature Range  Operation/Application  Circuit Application  Signal  Industry Standards  UL Flammability Rating  Packaging Features  Packaging Quantity  2.54 mm[.1 in]  Vertical  Vertical  2.54 mm[.1 in]  Vertical  Ver	Housing Features	
Dimensions  PCB Thickness (Recommended)  Usage Conditions  Operating Temperature Range  Operation/Application  Circuit Application  Signal  Industry Standards  UL Flammability Rating  Packaging Features  Packaging Quantity  Vertical  Vertical  Vertical  Vertical  Vertical  Vertical  Vertical  Packaging Features  Vertical  U.1.57 mm[.062 in]  Signal  Signal  UL 94V-0  Packaging Features  Packaging Quantity  75	Housing Material	Nylon
Dimensions  PCB Thickness (Recommended)  1.57 mm[.062 in]  Usage Conditions  Operating Temperature Range  -55 - 105 °C[-67 - 221 °F]  Operation/Application  Circuit Application  Industry Standards  UL Flammability Rating  UL 94V-0  Packaging Features  Packaging Quantity  75	Centerline (Pitch)	2.54 mm[.1 in]
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Usage Conditions  Operating Temperature Range -55 – 105 °C[-67 – 221 °F]  Operation/Application  Circuit Application Signal  Industry Standards  UL Flammability Rating UL 94V-0  Packaging Features  Packaging Quantity 75	Dimensions	
Operating Temperature Range -55 – 105 °C[-67 – 221 °F]  Operation/Application  Circuit Application  Signal  Industry Standards  UL Flammability Rating  UL 94V-0  Packaging Features  Packaging Quantity  75	PCB Thickness (Recommended)	1.57 mm[.062 in]
Operation/Application Circuit Application Signal Industry Standards UL Flammability Rating UL 94V-0 Packaging Features Packaging Quantity 75	Usage Conditions	
Circuit Application  Industry Standards  UL Flammability Rating  UL 94V-0  Packaging Features  Packaging Quantity  75	Operating Temperature Range	-55 – 105 °C[-67 – 221 °F]
Industry Standards  UL Flammability Rating  Packaging Features  Packaging Quantity  75	Operation/Application	
UL Flammability Rating  Packaging Features  Packaging Quantity  75	Circuit Application	Signal
Packaging Features Packaging Quantity 75	Industry Standards	
Packaging Quantity 75	UL Flammability Rating	UL 94V-0
	Packaging Features	
Packaging Method Package	Packaging Quantity	75
	Packaging Method	Package

## **Product Compliance**

For compliance documentation, visit the product page on TE.com>



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: JAN 2025 (247) Candidate List Declared Against: JUNE 2024 (241) Does not contain REACH SVHC
Halogen Content	Low Halogen - Br, Cl, F, I < 900 ppm per homogenous material. Also BFR/CFR/PVC Free
Solder Process Capability	Wave solder capable to 265°C

#### 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-onreach

### Customers Also Bought



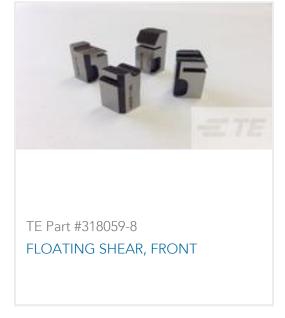
TE Part #2151218-2 OCEAN\_2.0\_Applicator-S-080F100O-





















#### **Documents**

**CAD Files** 

3D PDF

3D

**Customer View Model** 

ENG\_CVM\_CVM\_1888291-7\_A.2d\_dxf.zip

English

**Customer View Model** 

ENG\_CVM\_CVM\_1888291-7\_A.3d\_igs.zip

English

**Customer View Model** 

ENG\_CVM\_CVM\_1888291-7\_A.3d\_stp.zip

English

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**Product Specifications** 

**Product Specification** 

English