+ CONNECTORS

BOARD-TO-BOARD HEADERS & RECEPTACLES

TE CONNECTIVITY (TE)

0.8FH,R05H.5,060,15/Sn,TU

0.8mm FH | .8mm FH

1-5177983-2
TE Internal Number: 1-5177983-2

Always EU RoHS/ELV Compliant

Connector Style   **Receptacle**

Centerline   **.031 mm [.8 in]**

Number of Positions   **60**

Packaging Method   **Tube, Tube/Box**

Contact Mating Area Plating Material   **Gold**
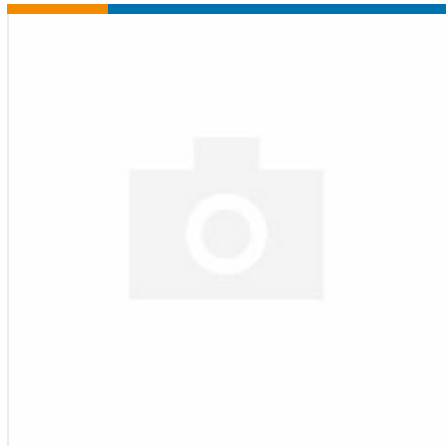
✔ Active

⬇ **PRODUCT DRAWING**
English

⬇ **3D PDF**

Product Drawings

RECEPTACLE ASSEMBLY 5H TYPE (0.5 BOSS LENGTH) FOR FH 0.8MM PITCH B-T-B CONNECTOR
PDF **(TIFF AVAILABLE)**
English

RECEPTACLE ASSEMBLY 5H TYPE (0.5 BOSS LENGTH) FOR FH 0.8MM PITCH B-T-B CONNECTOR
PDF **(TIFF AVAILABLE)**
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

Free Height 0.8 Mm Pitch Board-To-Board Connector (SMT)
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	Connector Style	**Receptacle**
	Board-to-Board Configuration	**Mezzanine**
	Boss	**With**
	PCB Mounting Orientation	**Vertical**
	Row-to-Row Spacing	**2.4 mm [.09432 in]**
Configuration Features	Number of Positions	**60**
	Number of Rows	**2**
Electrical Characteristics	Insulation Resistance (VAC)	**500**
	Voltage (VAC)	**100**
	Dielectric Withstanding Voltage (VAC)	**500**
Contact Features	Contact Mating Area Plating Material	**Gold**
	Contact Current Rating (A)	**.5**
	Contact Type	**Socket**
	Contact Base Material	**Copper Alloy**
	Contact Layout	**Inline**
	Solder Tail Contact Plating Material Finish	**Matte**
Termination Features	Termination Method to PC Board	**Surface Mount**
Mechanical Attachment	Mating Alignment Type	**Polarized**
	PCB Mount Retention	**Without**
	PCB Mount Retention Type	**None**
	PCB Mount Alignment Type	**Positioning Bosses**
Housing Features	Centerline	**.031 mm [.8 in]**
	Housing Material	**LCP (Liquid Crystal Polymer)**
	Housing Entry Style	**Top**
	Housing Color	**Natural**
Usage Conditions	Operating Temperature Range	**-40 – 85 °C [-40 – 185 °F]**
Operation/Application	Pick and Place Cover	**Without**

| | Assembly Process Feature | **None** |
| | For Use With | **Plug Assembly** |

Industry Standards	UL Flammability Rating	**UL 94V-0**

Packaging Features	Packaging Method	**Tube, Tube/Box**

Product Compliance

Statement of Compliance
PDF

VIEW ALL PRODUCT COMPLIANCE