

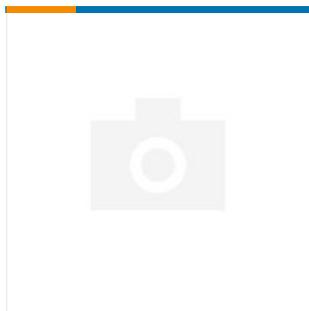


TE Connectivity: Every Connection Counts
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CONNECTORS



BOARD-TO-BOARD HEADERS & RECEPTACLES



TE CONNECTIVITY (TE)

.5 BTB FM PLUG 3H 30P PEG

0.5mm Fine Mate | .5mm Fine Mate

3-1775167-0

TE Internal Number: 3-1775167-0

Always EU RoHS/ELV Compliant

Connector Style **Plug**

Centerline **.0197 mm [.5 in]**

Number of Positions **30**

Packaging Method **Tape & Reel**

Contact Mating Area Plating Material **Gold**

Obsolete

[↓ PRODUCT DRAWING](#)
English

[↓ 3D PDF](#)

Product Drawings

[BOARD TO BOARD CONNECTOR, 0.5 MM PITCH, FINE-MATE, PLUG, 3H, WITH PEG](#)

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

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

Plug

Board-to-Board Configuration

Mezzanine

Boss

Without

	PCB Mounting Orientation	Vertical
Configuration Features	Number of Positions	30
	Number of Rows	2
	Stackable	Yes
Electrical Characteristics	Insulation Resistance (MΩ)	500
	Dielectric Withstanding Voltage (VAC)	150
Contact Features	Contact Mating Area Plating Material	Gold
	Contact Current Rating (A)	.5
	Contact Type	Tab
	Contact Base Material	Phosphor Bronze
	Contact Layout	Inline
Termination Features	Termination Method to PC Board	Surface Mount
Mechanical Attachment	Mating Alignment Type	Polarized
	PCB Mount Retention	Without
	PCB Mount Alignment Type	None
Housing Features	Centerline	.0197 mm [.5 in]
	Housing Material	LCP GF30 (Liquid Crystal Polymer)
	Housing Color	Black
Usage Conditions	Housing Material Temperature	High
Operation/Application	Pick and Place Cover	Without
	For Use With	Receptacle Assembly
Industry Standards	UL Flammability Rating	UL 94V-0
Packaging Features	Packaging Method	Tape & Reel

Product Compliance

[Statement of Compliance](#)

PDF

[VIEW ALL PRODUCT COMPLIANCE](#)