



BOARD-TO-BOARD HEADERS & RECEPTACLES



✓ Active

↓ **PRODUCT DRAWING**
English

↓ **3D PDF**

TE CONNECTIVITY (TE)

.6FHR04H, 140, S, GIG, 08/Sn, TR, NSYes

0.6mm FH | .6mm FH

1-5353190-0

TE Internal Number: 1-5353190-0

Always EU RoHS/ELV Compliant

Connector Style **Receptacle**

Centerline **.024 mm [.6 in]**

Stack Height (mm) **4, 6, 7, 8, 12**

Stack Height (in) **.472**

Number of Positions **140**

Packaging Method **Reel**

Product Drawings

EMBOSS ASSY FH 0.6BTB CONNECTOR REC 4H WITH G-CONTACT

PDF
English

CAD Files

Customer View Model

3D_IGS.ZIP
English

Customer View Model

3D_STP.ZIP
English

Customer View Model

2D_DXF.ZIP
English

3D PDF

PDF
English

Catalog Pages/Data Sheets

Fine Pitch Stacking Connectors - 0.6mm Free Height (FH) And GIGA Connectors

PDF
English

2-1773454-6_Stacking_Connectors

PDF
English

Product Specifications

Application Specification

AMP FH 0.6mm Pitch Board-To-Board Connector

TIF
English

AMP FH 0.6mm Pitch Board-To-Board Connector

PDF
English

Product Environmental Compliance

TE Material Declaration

MD_1-5353190-0_1023201359_dmtec

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
	PCB Mounting Orientation	Vertical
	Applies To	Printed Circuit Board
	Product Type	Connector
	Boss	With
	Series	Free Height
Configuration Features	Number of Positions	140
	Preloaded	Yes
	Number of Rows	2
	Stackable	Yes
Electrical Characteristics	Voltage (VAC)	50
	Dielectric Withstanding Voltage (VAC)	200
Body Features	Sealant	With
Contact Features	Contact Mating Area Plating Material	Gold
	Contact Mating Area Plating Thickness	.2 μm [7.874 μin]
	Contact Current Rating (A)	.5
	Contact Type	Socket
	Solder Tail Contact Plating Material	Gold, Tin
	Contact Layout	Inline
	Grounding Contact	With
	Solder Tail Contact Plating Thickness (μm)	.05, 1
	Solder Tail Contact Plating Thickness (μin)	1.9685, 39.37
	Contact Base Material	Copper Alloy
Termination Features	Termination Method to PC Board	Surface Mount
Mechanical Attachment	Mating Alignment Type	Polarization
	PCB Mount Retention	Without

	PCB Mount Retention Type	Solder Peg
	PCB Mount Alignment Type	Locating Posts
Housing Features	Centerline	.024 mm [.6 in]
	Housing Material	High Temperature Thermoplastic
Dimensions	Stack Height (mm)	4, 6, 7, 8, 12
	Stack Height (in)	.472
	Height	4 mm [.157 in]
Usage Conditions	Operating Temperature Range (°C)	-40 – 85
Operation/Application	Pick and Place Cover	Without
	For Use With	Plug
Industry Standards	UL Flammability Rating	UL 94V-0
Packaging Features	Packaging Method	Reel
	Packaging Quantity	1000
Product Compliance	Statement of Compliance PDF VIEW ALL PRODUCT COMPLIANCE	