

PCB Connectors

May 2020

Board-to-board PCB connector

FINEPITCH 0,8 series connectors

As electronic devices shrink in size, the complexity contained inside the housing only increases. Compact device designs require components that aid with design flexibility by allowing designers to position PCBs at the appropriate angles and distances from each other.

The FINEPITCH series of connectors from Phoenix Contact helps by coming in multiple orientations, stack heights, and number of positions. New from Phoenix Contact is an unshielded connector in the FP 0,8 series. This connector is ideal for those applications that do not require electromagnetic compatibility due to EMI concerns.

Features and benefits

- Ruggedized design is suitable for demanding applications
- Gold-plated contact ensures reliable data transfer
- Double contact system allows for a wipe length of 1.5 mm
- Multiple stack heights facilitate wide array of design options

Technical data

- Data rates up to 16 Gbps
- Up to 80 positions
- 0.8 mm pitch
- Operating temperature: -55°C to +125°C

Potential applications

- I/Os
- PLCs
- Frequency converters
- Controls
- HMIs

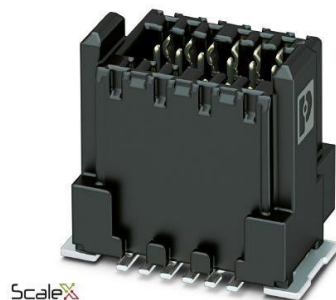


ScaleX

DEVICE CONNECTORS

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Part number	Description	Gender	# Positions	Stack height (mm)
1061580	FP 0,8/ 12-FV 7,85	Female	12	7.85
1061583	FP 0,8/ 20-FV 7,85	Female	20	7.85
1061584	FP 0,8/ 32-FV 7,85	Female	32	7.85
1061585	FP 0,8/ 52-FV 7,85	Female	52	7.85
1061586	FP 0,8/ 80-FV 7,85	Female	80	7.85
1061643	FP 0,8/ 12-FV 4,85	Female	12	4.85
1061660	FP 0,8/ 20-FV 4,85	Female	20	4.85
1061662	FP 0,8/ 32-FV 4,85	Female	32	4.85
1061666	FP 0,8/ 52-FV 4,85	Female	52	4.85
1061667	FP 0,8/ 80-FV 4,85	Female	80	4.85
1061696	FP 0,8/ 12-MV 2,65	Male	12	2.65
1061697	FP 0,8/ 20-MV 2,65	Male	20	2.65
1061698	FP 0,8/ 32-MV 2,65	Male	32	2.65
1061700	FP 0,8/ 52-MV 2,65	Male	52	2.65
1061704	FP 0,8/ 80-MV 2,65	Male	80	2.65
1061725	FP 0,8/ 12-MV 1,15	Male	12	1.15
1061727	FP 0,8/ 20-MV 1,15	Male	20	1.15
1061728	FP 0,8/ 32-MV 1,15	Male	32	1.15
1061729	FP 0,8/ 52-MV 1,15	Male	52	1.15
1061730	FP 0,8/ 80-MV 1,15	Male	80	1.15



To learn more about these connectors, and to place a sample request please visit us at www.phoenixcontact.com/newproducts.