THE DATASHEET OF

686130148922

WR-FPC
ZIF Connectors (SMT)
1.00mm, 0.50mm pitch

WÜRTH ELEKTRONIK

Characteristics: ZIF Connector

- Flammability Rating: * UL94-VO
- Contact Plating: 100u" Tin over 50u" Ni
- Quality Class: 25 Mating Cycles
- Operating Temp: - 25°C to +85°C
- Compliance: Lead Free and RoHS
- Current Rating: 1A
- Working Voltage: 125V
- UL Certified: E323964
- Packaging: Tape and Reel



	Connector/Cable	Pitch	Type	Construction	Contact Design	Order Code
	Connector (ZIF)	1.00 mm	Horizontal	SMT	Bottom Contact	686 1xx 144 22
	Connector (ZIF)	1.00 mm	Horizontal	SMT	Top Contact	686 1xx 141 22
NEW	Connector (ZIF)	1.00 mm	Horizontal	SMT	Bottom Contact Low Profile	686 1xx 183 522
NEW	Connector (ZIF)	1.00 mm	Horizontal	SMT	Top Contact Low Profile	686 1xx 183 422
	Connector (ZIF)	1.00 mm	Vertical	SMT	Type A	686 1xx 183 822
	Connector (ZIF)	1.00 mm	Horizontal	SMT	Bottom Contact Hinge Type	686 1xx 148 922
	Connector (ZIF)	0.50 mm	Horizontal	SMT	Bottom Contact	687 1xx 145 22+
	Connector (ZIF)	0.50 mm	Horizontal	SMT	Top Contact	687 1xx 140 22
NEW	Connector (ZIF)	0.50 mm	Horizontal	SMT	Bottom Contact Low Profile	687 1xx 183 722
NEW	Connector (ZIF)	0.50 mm	Horizontal	SMT	Top Contact Low Profile	687 1xx 183 622
	Connector (ZIF)	0.50 mm	Verticall	SMT	Type A	687 3xx 124 422
	Connector (ZIF)	0.50 mm	Horizontal	SMT	Bottom Contact Hinge Type	687 1xx 149 022
	Connector (ZIF)	0.50 mm	Horizontal	SMT	Dual Contact Back Locking	687 1xx 182 122



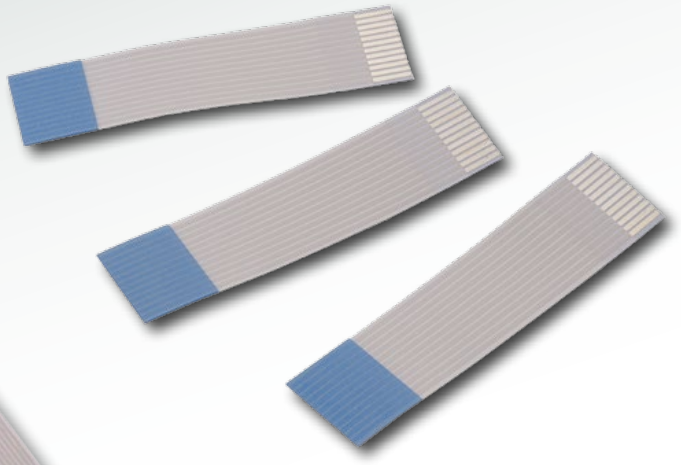
Design Kit Available
Part Number 687 001

WR-FFC
Flat Flexible Cable
1.00mm, 0.50mm pitch

WÜRTH ELEKTRONIK

Characteristics: Flat Flexible Cable (FFC)

- Insulation: PET
- Flammability Rating: UL Sub. 758
- Contact Plating: Tin
- Quality Class: 20-25 mating cycles
- Compliance: Lead Free and RoHS
- Flexing Test: 180 degrees >20 times
- Abrasion: >10,000 times
- Pull/Out: >20 times
- UL Certified: E328849
- UL Style: 20706





INSIGHT DESIGN • Revised OCTOBER 2017

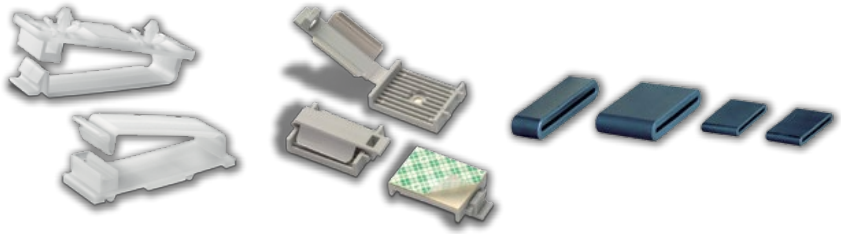
Properties

Part Number	Pitch	Type	Contact Design
686 6xx xxx 001	1.00mm	Type 1	Same side
686 7xx xxx 001	1.00mm	Type 2	Opposite side
687 6xx xxx 002	0.50mm	Type 1	Same side
687 7xx xxx 002	0.50mm	Type 2	Opposite side

xx = # of pins
xxx = length: 050 = 50mm · 100 = 100mm · 152 = 152mm · 200 = 200mm

Custom Lengths and Pin Counts available upon request!

Also offering ferrites and assembly product for FFC and ribbon cable. Visit www.we-online.com/products



Looking for pricing, stock, or lifecycle information?

Click below to explore more details on WIN SOURCE:

- View 686130148922 on WIN SOURCE
- Wurth Electronics Inc Information

Optimize Your Supply Chain with WIN SOURCE Solutions

- Global Sourcing Solution
- Obsolete Management
- Cost Control Management
- Shortage Management
- Alternative Solution
- Excess Inventory Management