

WR-FPC ZIF Connectors (SMT)

1.00mm, 0.50mm pitch



Characteristics: ZIF Connector

- Flammability Rating: * UL94-V0
- 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 | Vertical | 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**

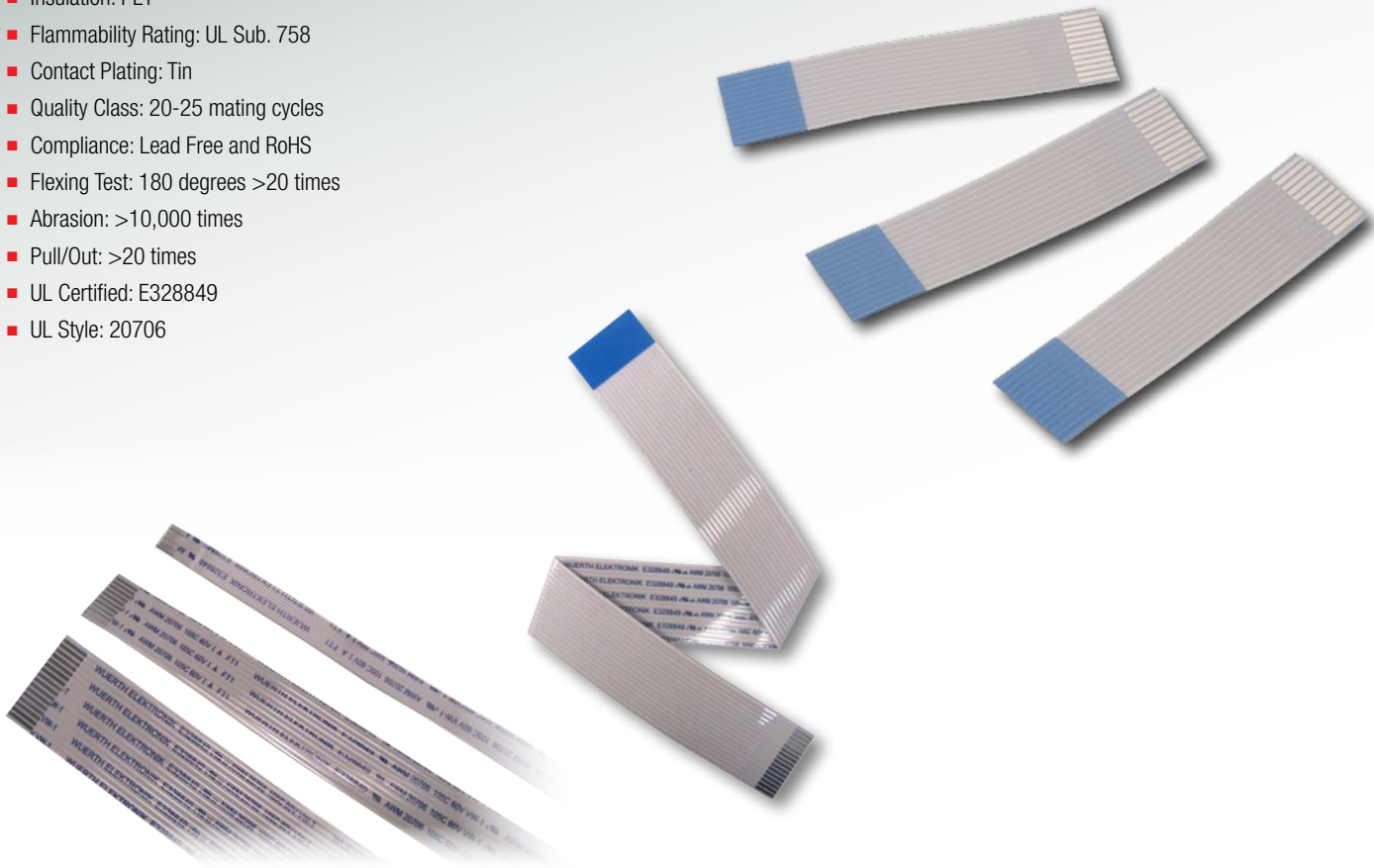
WR-FFC Flat Flexible Cable

1.00mm, 0.50mm pitch



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.
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