

1.27mm Flat Flex Jumper Cable

Female to Male Extra Long Solder Tab



PRODUCT DETAILS

The Flex Connection range of Flat Flex Jumper Cables are manufactured with Flexible Flat Cables (FFCs) produced by laminating tin plated copper conductors between 2 layers of tough, flexible flame retardant UL VW-1 rated polyester insulators. We terminate either end of the Jumper Cable with connectors from leading manufacturers such as Memcon, Tyco, Nicomatic and others. Flex Connection Jumpers provide high reliability and retention compared to traditional FFCs used with ZIF/LIF products with low contact resistance and high current options while maintaining a high level of flexibility.

FEATURES

- Highly Flexible
- Light Weight
- Extremely Thin
- Quality Design
- Suitable to Fold

APPLICATIONS

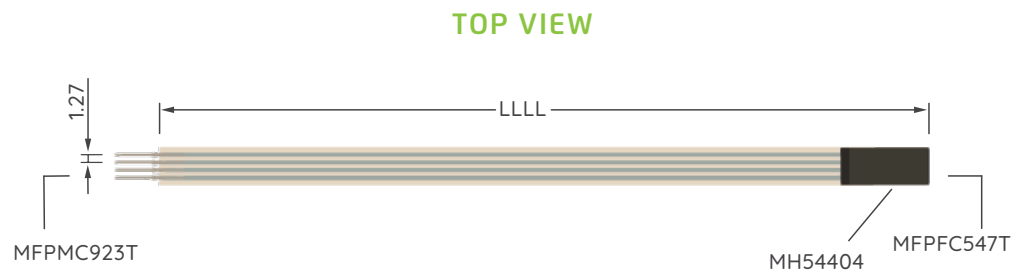
- Domestic Appliance
- Consumer Electronics
- Automotive Industry
- Medical Applications
- Telecommunications
- IT Equipment
- Office Equipment
- Robotics
- Industrial

MATING CONNECTOR



MPTB-X-1-XX

DIMENSION OUTLINE



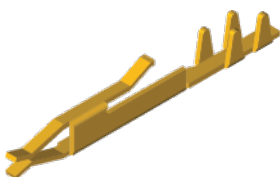
MATING PCB



SIDE VIEW



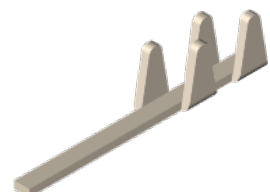
CONTACT AND HOUSING OPTIONS



Full or Selective Gold Plating



Polarized and Latching

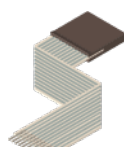


Short Male Solder Tab

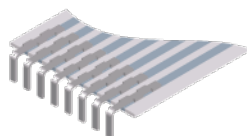
ELECTRICAL AND MECHANICAL PROPERTIES

Flat Cable Material	Tin Plated Copper Conductor Laminated between two layers of Polyester Insulation
Housing Style	MH544 Standard Housing
Housing Material	Thermoplastic Glass Fibre UL94-VO
Contact Style	MFPFC547 High Insertion Force Female Contact and MFPSMC23 Extra Long Male Solder Tab
Contact Material	0.20mm thick Phosphor Bronze
Pitch	1.27mm
Number of Conductors	2 to 30 ways as standard
Conductor Size	0.65mm (width) x 0.1mm thick tin plated copper
Conductor Rating	3A AC/Conductor
Operating Voltage	300V RMS
Dielectric Strength	3000V AC
Resistance	0.27 Ω /M

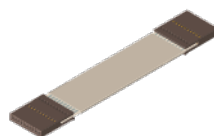
OTHER OPTIONS



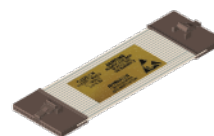
FOLDING



BENDING



SHIELDING

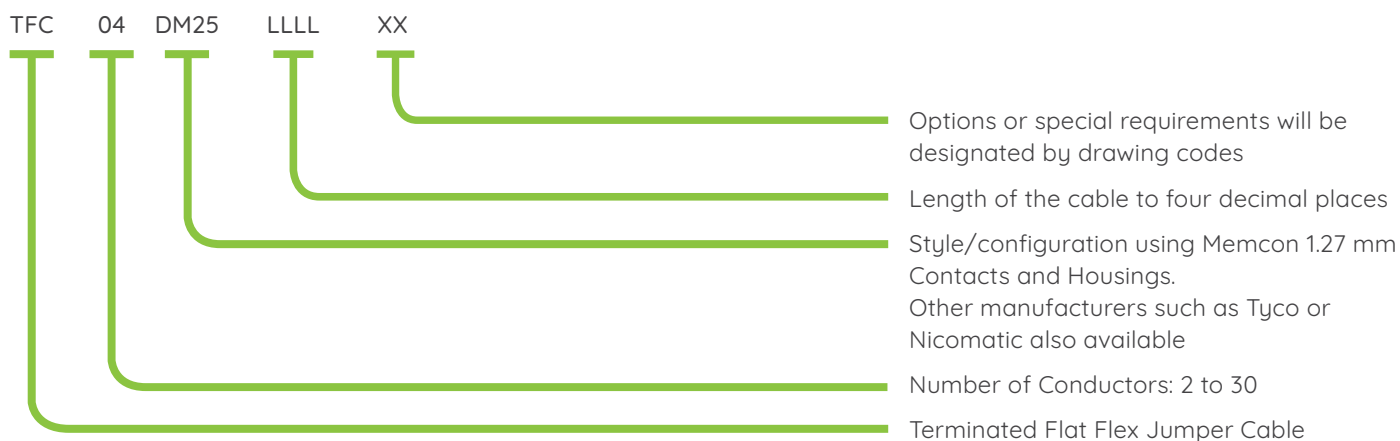


LABELING



SLEEVING

PART NUMBERING BREAKDOWN



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2025 Flex Connection

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