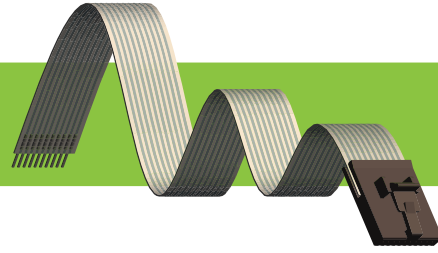


1.27mm Flat Flex Jumper Cable


Female Locking to Male 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

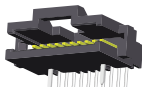
APPLICATIONS

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

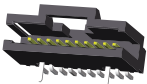
MATING CONNECTOR



MPSBWS



MPTBWR



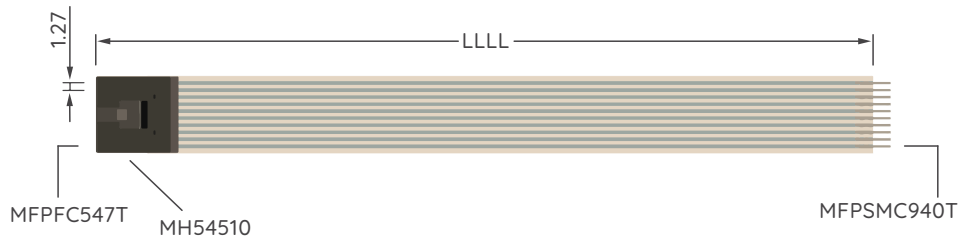
MPSBWR



MPTBWS

DIMENSION OUTLINE

TOP VIEW



SIDE VIEW



MATING PCB



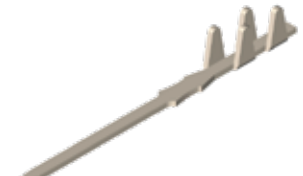
CONTACT AND HOUSING OPTIONS



Full or Selective Gold Plating



Standard Housing



Extra Long Male Solder Tab

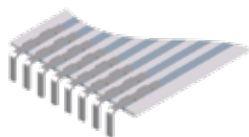
ELECTRICAL AND MECHANICAL PROPERTIES

Flat Cable Material	Tin Plated Copper Conductor Laminated between two layers of Polyester Insulation
Housing Style	MH545 Locking and Polarised Standard Housing
Housing Material	Thermoplastic Glass Fibre UL94-VO
Contact Style	MFPFC547 High Insertion Force Contact and MFPSMC940 Long Male Solder Tab
Contact Material	0.20mm thick Phosphor Bronze
Pitch	1.27mm
Number of Conductors	4 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



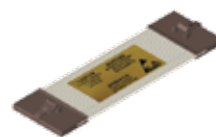
FOLDING



BENDING



SHIELDING

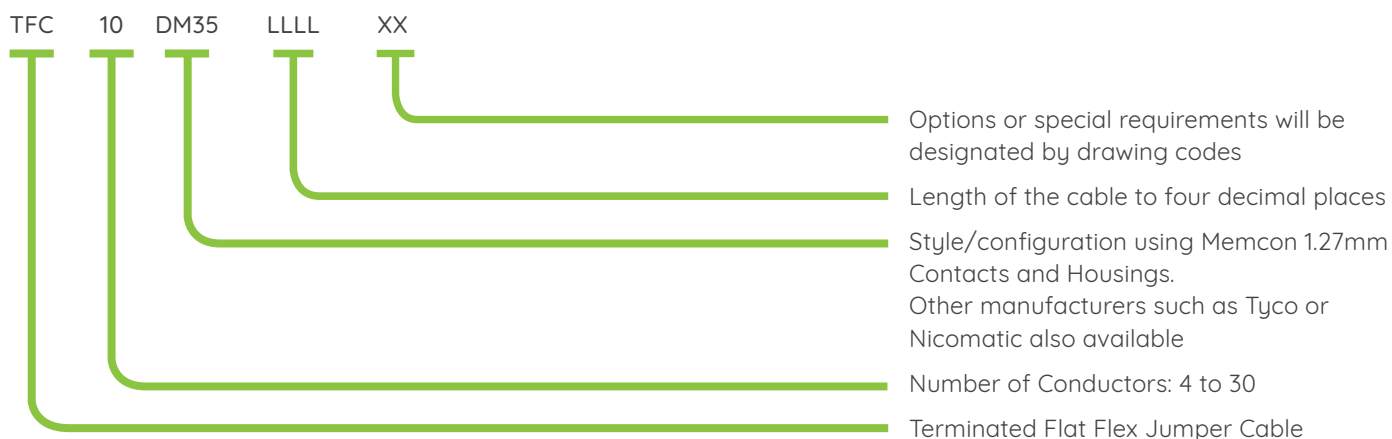


LABELING



SLEEVEING

PART NUMBERING BREAKDOWN



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2025 Flex Connection

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