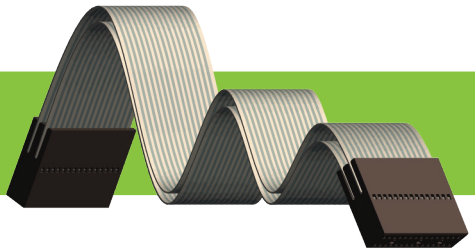
FLEX CONNECTION

1.27mm Flat Flex Jumper Cable



Double Row Female to Female

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.

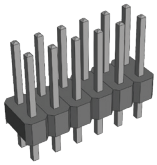
FEATURES

- 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

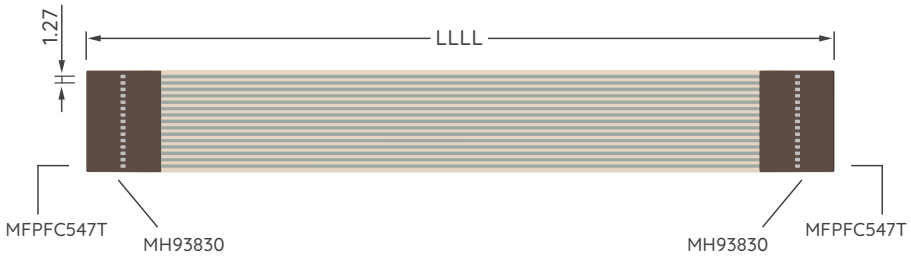
MATING CONNECTOR



MPTB Double Row

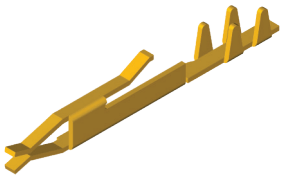
DIMENSION OUTLINE

TOP VIEW

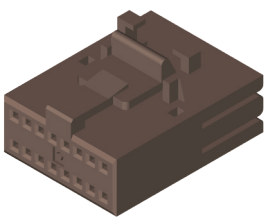


SIDE VIEW

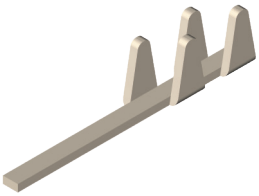
CONTACT AND HOUSING OPTIONS



Full or Selective Gold Plating



Polarized and Latching



Short Male Solder Tab

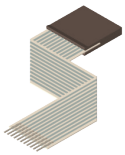
FLEX CONNECTION

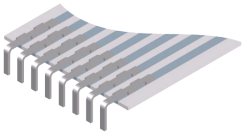
RoHS COMPLIANT

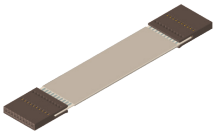
ELECTRICAL AND MECHANICAL PROPERTIES

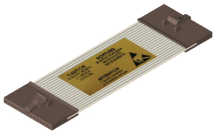
Flat Cable Material	Tin Plated Copper Conductor Laminated between two layers of Polyester Insulation
Housing Style	MH938 Double Row Standard Housing
Housing Material	Thermoplastic Glass Fibre UL94-VO
Contact Style	MFPFC547 High Insertion Force Female Contact
Contact Material	0.20mm thick Phosphor Bronze
Pitch	1.27mm
Number of Conductors	8 to 100 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

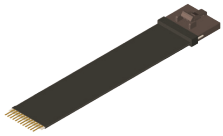
OTHER OPTIONS


FOLDING


BENDING


SHIELDING


LABELING


SLEEVING

PART NUMBERING BREAKDOWN

TFC 30 DM45 LLLL XX

- XX — Options or special requirements will be designated by drawing codes
- LLLL — Length of the cable to four decimal places
- DM45 — Style/configuration using Memcon 1.27mm Contacts and Housings. Other manufacturers such as Tyco or Nicomatic also available
- 30 — Number of Conductors: 8 to 100
- TFC — Terminated Flat Flex Jumper Cable

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