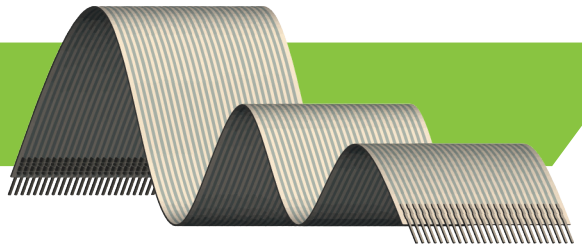
1.27mm Flat Flex Jumper Cable



Male to Male 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.

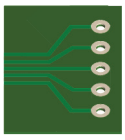
FEATURES

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

APPLICATIONS

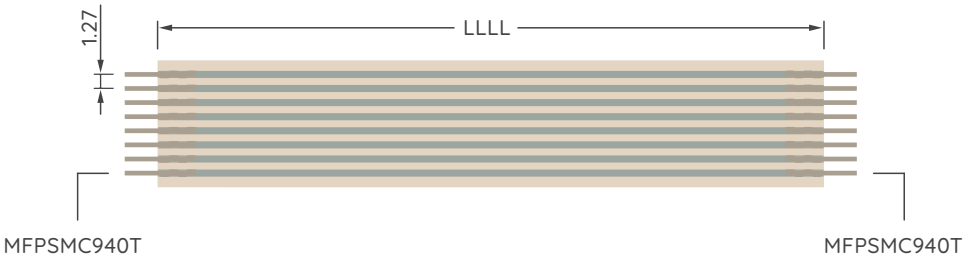
- Domestic Appliance
- Consumer Electronics
- Automotive Industry
- Medical Applications
- Telecommunications
- IT Equipment
- Office Equipment
- Robotics
- Industrial

MATING PCB



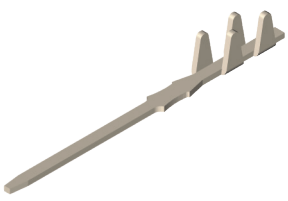
DIMENSION OUTLINE

TOP VIEW

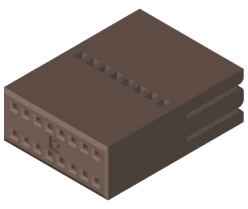


SIDE VIEW

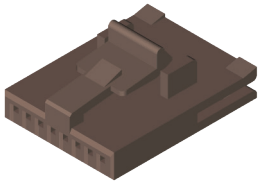
CONTACT AND HOUSING OPTIONS



Extra Long Male Solder Tab



Standard Housing



Polarized and Latching

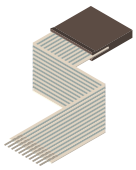
FLEX CONNECTION

RoHS COMPLIANT

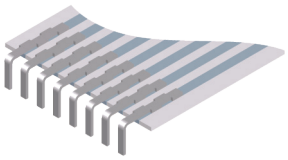
ELECTRICAL AND MECHANICAL PROPERTIES

Flat Cable Material	Tin Plated Copper Conductor Laminated between two layers of Polyester Insulation
Contact Style	MFPSMC940 Short 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

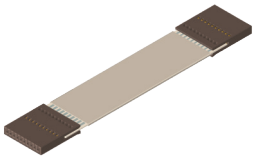
OTHER OPTIONS



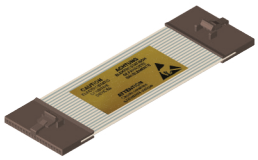
FOLDING



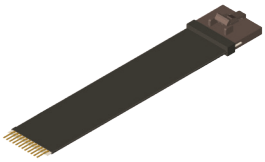
BENDING



SHIELDING



LABELING



SLEEVING

PART NUMBERING BREAKDOWN

TFC 26 DM05 LLLL XX

- XX — Options or special requirements will be designated by drawing codes
- LLLL — Length of the cable to four decimal places
- DM05 — Style/configuration using Memcon 1.27mm Contacts and Housings. Other manufacturers such as Tyco or Nicomatic also available
- 26 — Number of Conductors: 2 to 30
- TFC — Terminated Flat Flex Jumper Cable

Europe
Unit 8 Campus Five
Third Avenue Letchworth
Hertfordshire SG6 2JF
United Kingdom
T +44 1462 341125
F +44 1462 677499
E sales@flexconnection.eu

North America
4500 Red Arrow Hwy Unit E
Stevensville
Michigan
49127 USA
T +1 269 408 8400
F +1 269 593 5952
E sales@flexconnection.net

Hong Kong
Unit 5/6 6F Westley Square
48 Hoi Yuen Road
Kwun Tong
Hong Kong
T +852 3523 1884
F +852 3747 8980
E sales@flexconnection.asia

China
Unit 613A-615 Floor 6 Block
A Commercial Bldg 99 Dahe
Road Guanlan Long Hua
District Shenzhen China
T +86 755 2798 1678
F +86 755 2263 8887
E sales@flexconnection.cn

Brazil
Avenida Cassiano Ricardo
nº 601 Sala 61 Jd. Aquarius
Ed. The One Office Tower
São José dos Campos
SP 12246-870 Brazil
T +55 12 98321 8686
E sales@flexconnection.com.br