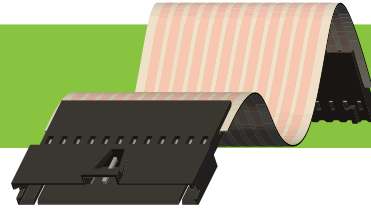


2.54mm Flat Flex Jumper Cable

Square Male MH1L Locking to Female MHL Locking



PRODUCT DETAILS

The Flex Connection range of Flat Flex Jumper Cables are manufactured with Flexible Flat Cables (FFCs) produced by laminating bare 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.

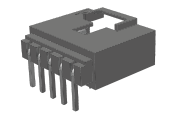
FEATURES

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

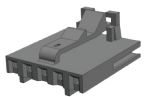
APPLICATIONS

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

MATING CONNECTOR

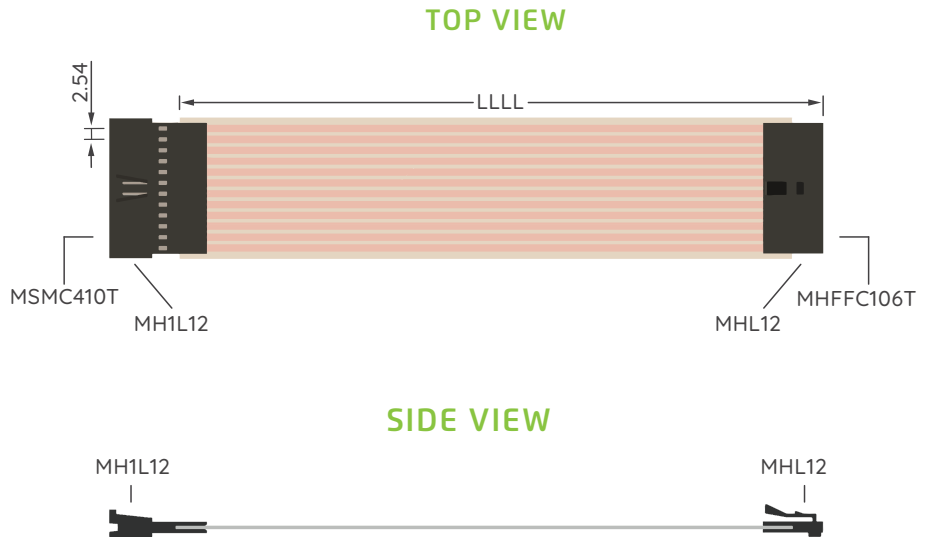


MPTAR/S Series

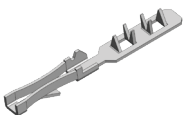


Polarised and Latching Housing

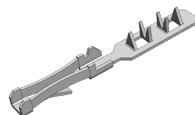
DIMENSION OUTLINE



CONTACT AND HOUSING OPTIONS



High Force Female Contact



Low Force Female Contact

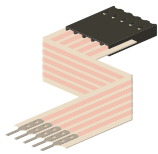


Full or Selective Gold Plating

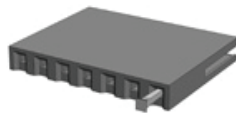
ELECTRICAL AND MECHANICAL PROPERTIES

Flat Cable Material	Flat Copper Conductors laminated between 2 layers of White Polyester Insulation
Housing Style	MH1L Square Male Shrouded Housing and MHL Polarised and Latching Housing
Housing Material	Thermoplastic with Glass Fibre UL94 VO Rated
Contact Style	MSMC410 Long Square Male Contact and MHFFC106T Hi Flex Female Housing
Contact Material	0.20mm thick Phosphor Bronze
Pitch	2.54mm
Number of Conductors	2 to 25 ways as standard
Conductor Size	1.57mm (width) x 0.076mm thick bare copper
Conductor Rating	3A AC / Conductor
Operating Voltage	300V RMS
Dielectric Strength	Over 1000 M Ω /M @2000VDC (20 deg C)
Resistance	<0.2 Ω /M

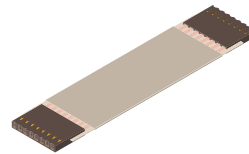
OTHER OPTIONS



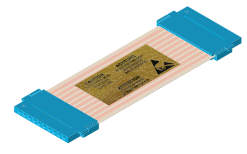
FOLDING



POLARIZING



SHIELDING



LABELING

PART NUMBERING BREAKDOWN

TFC 12 AM30 LLLL XX

