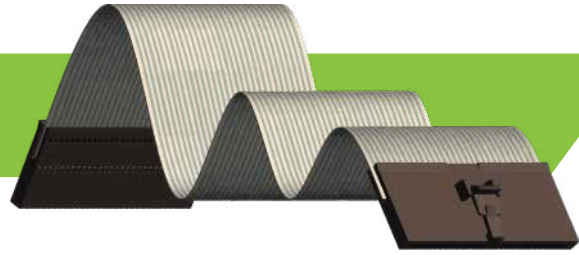


## 1.27mm Flat Flex Jumper Cable

### Female Locking to Female Locking












#### 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
-  Industrial
-  Robotics
-  Telecommunications
-  Office Equipment

#### MATING CONNECTOR



MPSBWS



MPTBWR



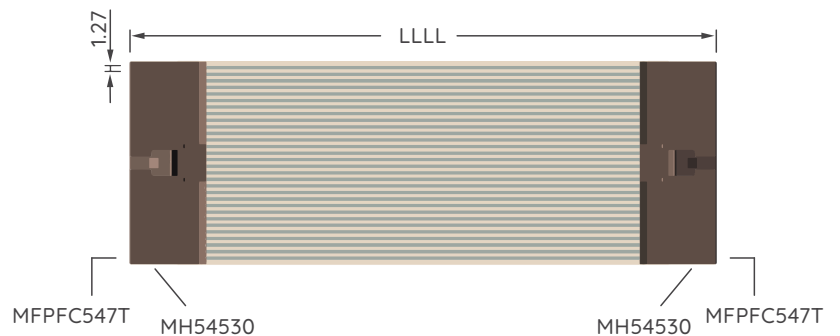
MPSBWR



MPTBWS

#### DIMENSION OUTLINE

##### TOP VIEW



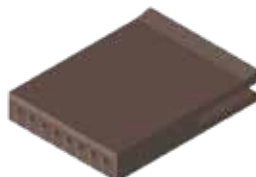
##### SIDE VIEW



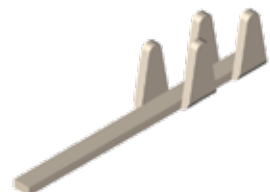
#### CONTACT AND HOUSING OPTIONS



Full or Selective Gold Plating



Standard Housing



Short Male Solder Tab

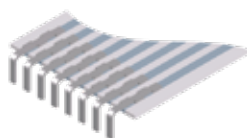
## ELECTRICAL AND MECHANICAL PROPERTIES

Flat Cable Material	Tin Plated Copper Conductor Laminated between two layers of Polyester Insulation
Housing Style	MH545 Locking and Polarised Female 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	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 $\Omega$ /M

## OTHER OPTIONS



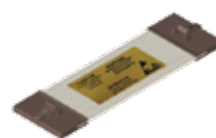
FOLDING



BENDING



SHIELDING

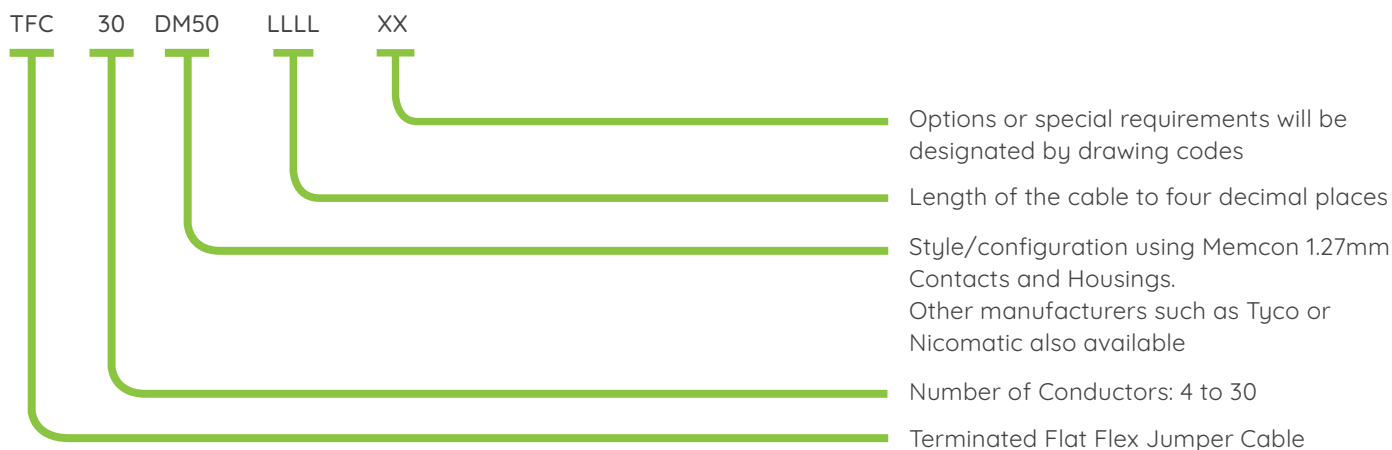


LABELING



SLEEVING

## PART NUMBERING BREAKDOWN



1st Jan 2017 Issue 1

2025 Flex Connection

flexconnection.global

### 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  
n° 601 Sala 61 Jd. Aquarius  
Ed. The One Office Tower  
São José dos Campos  
SP 12246-870 Brazil  
T +55 11 99013-3030  
E sales@flexconnection.com.br