

## Round Flat Cable (RFC)

### Flat to Flat










#### PRODUCT DETAILS

Round Flat Cable (RFC) Jumpers are highly flexible flat conductor connectors combining the properties of flat insulated conductors and round solder pins. The jumpers can be soldered to the PCB or inserted into a connector. The flat insulated conductors act as a vibration damper making the jumpers suitable in the most arduous of applications. The availability of different insulation materials ensure maximum reliability even at high operating temperatures.

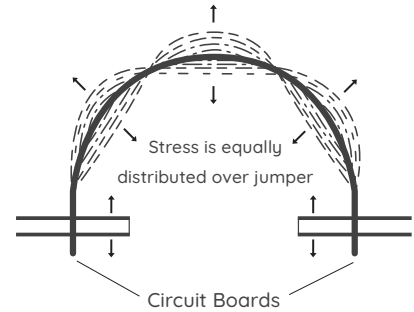
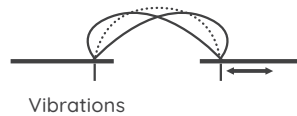
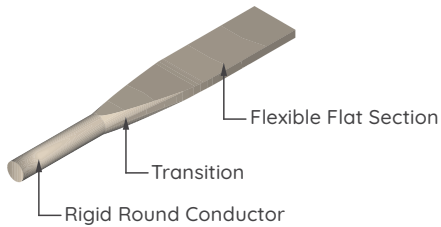
#### FEATURES

-  Highly Flexible
-  Light Weight
-  Extremely Thin
-  Cost-Effective
-  Wide Temperature Range
-  Suitable for High Vibration Applications

#### APPLICATIONS

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

#### TRANSITION AND VIBRATION EXAMPLE DRAWINGS

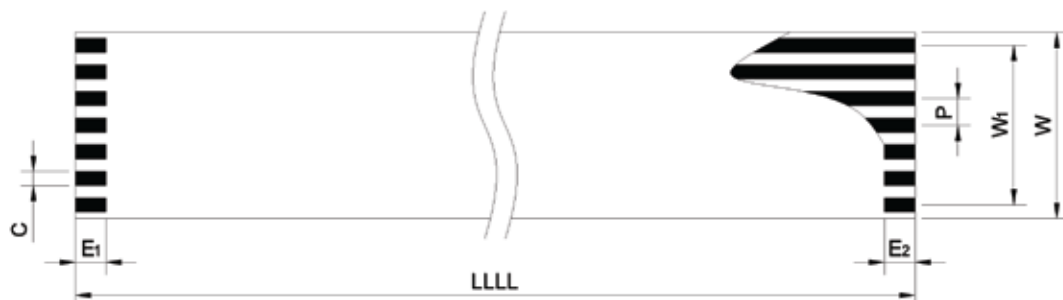


#### OUTLINE DRAWING

##### SIDE VIEW



##### TOP VIEW



## INSULATOR AND TEMPERATURE RATING

Insulation Material	PET Film	Nomex	Kapton
Temperature Rating	105°C	125°C	150°C

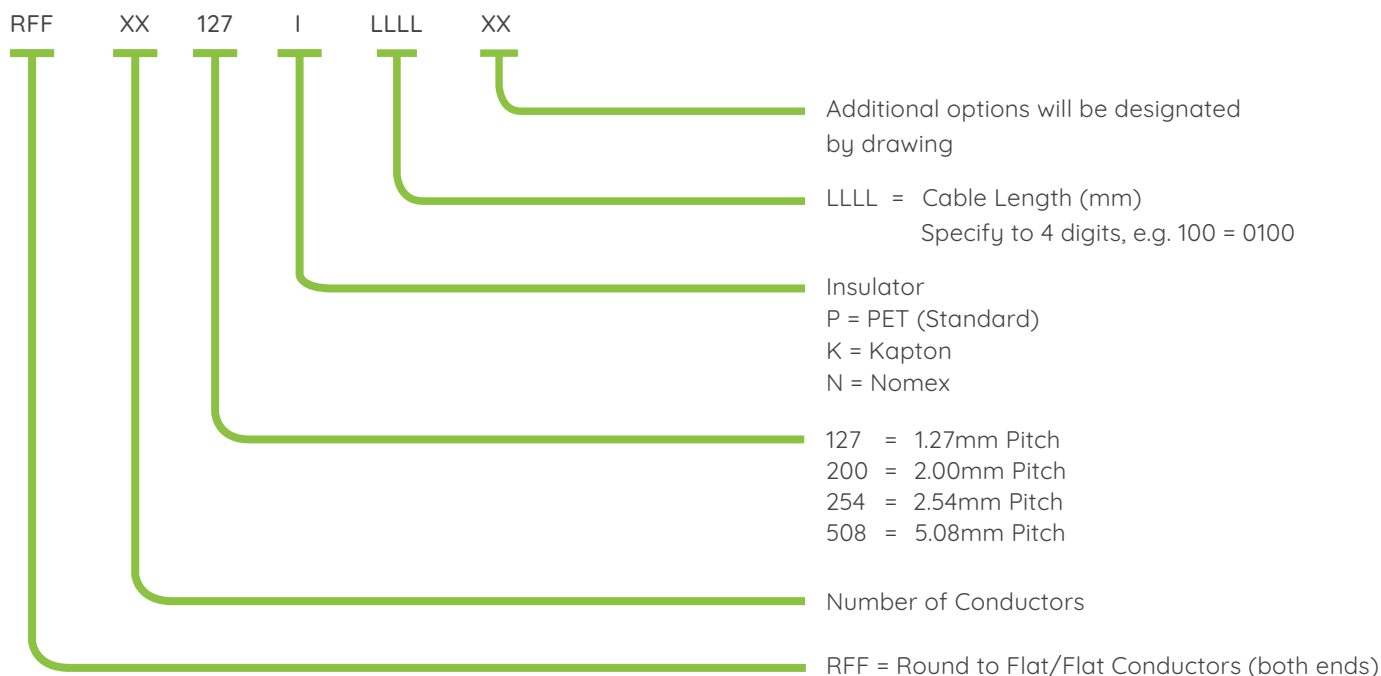
## CONDUCTOR SIZES

Pitch	1.27mm	2.00mm	2.54mm	5.08mm
Diameter of Round End	0.33mm	0.41mm	0.51mm	-

## ELECTRICAL AND MECHANICAL PROPERTIES

Pitch Options	1.27mm	2.00mm	2.54mm	5.08mm
Number of Conductors	2-50 Pin			
Length Range	10-3000mm			
Flammability Rating	UL94V-0			
Conductor Rating	2A-6A			
Operating Voltage	300V			
Dielectric Strength	1000V-3000V/Min			

## PART NUMBERING BREAKDOWN



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