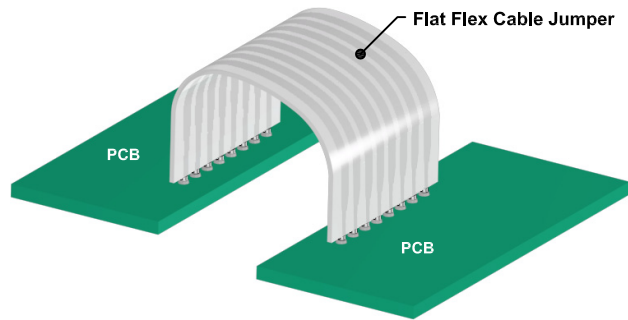


REV.	DESCRIPTION	DATE	DRAWN
A	New	17.07.2017	Ronny



Order Code

FCJ-x xx-X xxx-X X/xx xx-x

Recommended PCB Hole Dimensions	
Pitch	Hole ϕ
1.00	0.70mm
1.25	0.70mm
1.27	0.70mm
1.90	0.80mm
2.00	0.80mm
2.54	0.95mm
3.18	0.95mm
3.81	0.95mm
5.08	0.95mm

Pitch "P"	
1.00 mm	= 3
1.25 mm	= 4
1.27 mm	= 5
1.90 mm	= 5A
2.00 mm	= 6
2.54 mm	= 7
3.18 mm	= 8
3.81 mm	= 9
5.08 mm	= 10

Plating
9 = Tin (Standard)
5 = Gold flash

Strip length DIM "A2"

same as "A1"

Strip length DIM "A1"

(Example)
20 = 2.00mm
35 = 3.50mm
 etc.

Termination "Right" (A2)

A = straight

Termination "Left" (A1)

A = straight

Insulation Length "IL"

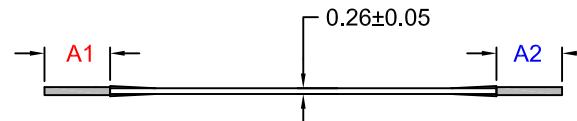
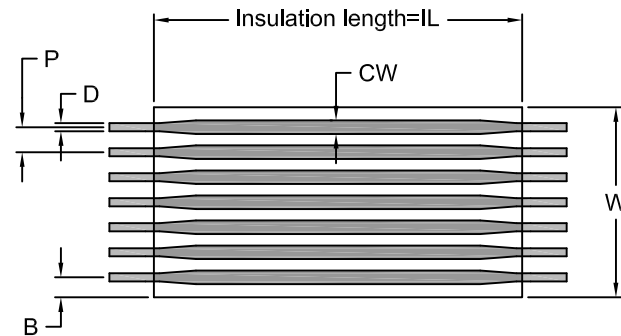
(Example)

050 = 50.00 mm
100 = 100.00 mm
 etc.

No. of Conductors	
2	= 02
3	= 03
etc.	

Insulator

Nomex™ = N
 PET = P



Specifications

Dielectric strength
 1.00mm pitch: 1025V AC
 1.25/1.27/1.90mm pitch: 1050V AC
 2.00mm pitch: 1250V AC
 up from 2.54mm pitch: 1500V AC

Voltage rating
 up to 2.00mm pitch: 200V AC
 up from 2.54mm pitch: 300V AC

Current rating @20°C
 1.00mm pitch: 1.0A
 1.25/1.27/1.90mm pitch: 1.6A
 2.00mm pitch: 2.0A
 2.54mm pitch: 3.0A
 3.18/3.81mm pitch: 3.5A
 5.08mm pitch: 4.0A

Operating Temperature -40°C to +105°C
 Solder Temperature up to 2.00mm pitch +200°C 4 sec.
 up from 2.54mm pitch +250°C 4 sec.

Insulator Nomex™ or PET
 Conductor Copper Wire, Tin or Gold plated

(Pitch) "P"	Conductor solder area diameter "D" ±0.03	Wire "AWG"	Conductor width "CW"	No. of Conductors	"IL" ±2.00	"A1" ±0.80	"A2" ±0.80	"B" ±0.50	"W" ±0.50
1.00 ±0.18	0.30	28	0.70 - 0.10	2 - 42	14.00 to 1000.00	2.00 to 10.00	2.00 to 10.00	1.00	(N+1)xP
1.25 ±0.18	0.30	28	0.70 - 0.10	2 - 42				1.25	
1.27 ±0.18	0.30	28	0.70 - 0.10	2 - 42				1.27	
1.90 ±0.25	0.30	26	0.70 - 0.10	2 - 25				1.90	
2.00 ±0.25	0.40	26	1.05 - 0.13	2 - 25	14.00 to 1000.00	2.00 to 10.00	2.00 to 10.00	2.00	[(N-1)xP]+5.08
2.54 ±0.25	0.50	24	1.34 - 0.13	2 - 20				2.54	
3.18 ±0.25	0.50	24	1.34 - 0.13	2 - 16				2.54	
3.81 ±0.25	0.50	24	1.34 - 0.13	2 - 12				2.54	
5.08 ±0.25	0.50	24	1.34 - 0.13	2 - 10				2.54	



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UNIT	GENERAL TOLERANCE		DRAWN	DATE	DWG. NO.	SHEET 1/1
mm	X.° ±	X. ±	Ronny	17.07.2017	FCJ	REV. A
SCALE Free	.X° ±	.X ±	Hogi	22.08.2017	SERIES NO.	
	.XX° ±	.XX ±	APPROVE Hogi	22.08.2017	FCJ-xxx-Xxxx-xxxx-x	
	.XXX° ±	.XXX ±				

Flat Flex Cable Jumper
 1.00mm to 5.08mm pitch