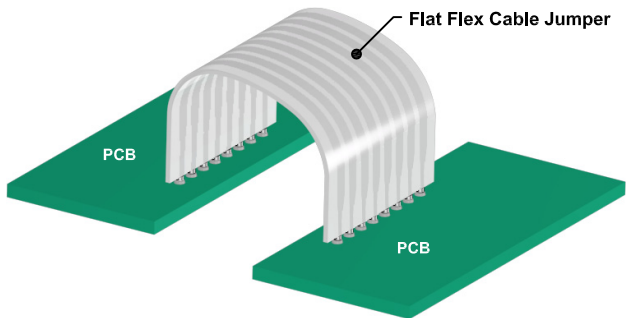


REV.	DESCRIPTION	DATE	DRAWN
A	New	17.07.2017	Ronny

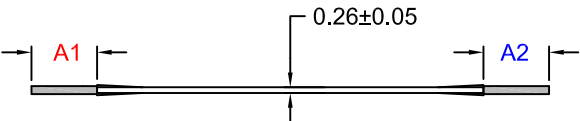
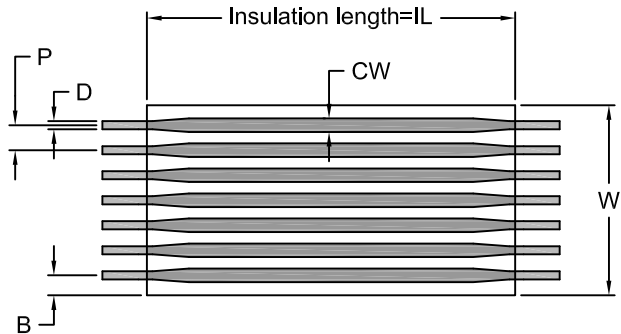
A
B
C
D
E
F
G
H



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

Order Code
FCJ-x xx-X xxx-X X/xx xx-x

Pitch "P"	No. of Conductors	Insulator	Plating	Termination	Insulation Length "IL"
1.00 mm = 3	2 = 02	Nomex™ = N	9 = Tin (Standard)	A = straight	(Example)
1.25 mm = 4	3 = 03	PET = P	5 = Gold flash	Termination "Left" (A1)	20 = 2.00mm
1.27 mm = 5	etc.				35 = 3.50mm
1.90 mm = 5A					etc.
2.00 mm = 6					
2.54 mm = 7					
3.18 mm = 8					
3.81 mm = 9					
5.08 mm = 10					



(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				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	

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

(Example)
050 = 50.00 mm
100 = 100.00 mm
etc.



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UNIT	mm	GENERAL TOLERANCE	
SCALE	Free	X.° ±	X. ±
		.X° ±	.X ±
		.XX° ±	.XX ±
		.XXX° ±	.XXX ±

DRAWN	Ronny	DATE	17.07.2017
CHECK	Hogi	DATE	22.08.2017
APPROVE	Hogi	DATE	22.08.2017

DWG. NO.	FCJ	SHEET 1/1
SERIES NO.	FCJ-xxx-Xxxx-xxxx-x	REV. A

Flat Flex Cable Jumper
1.00mm to 5.08mm pitch