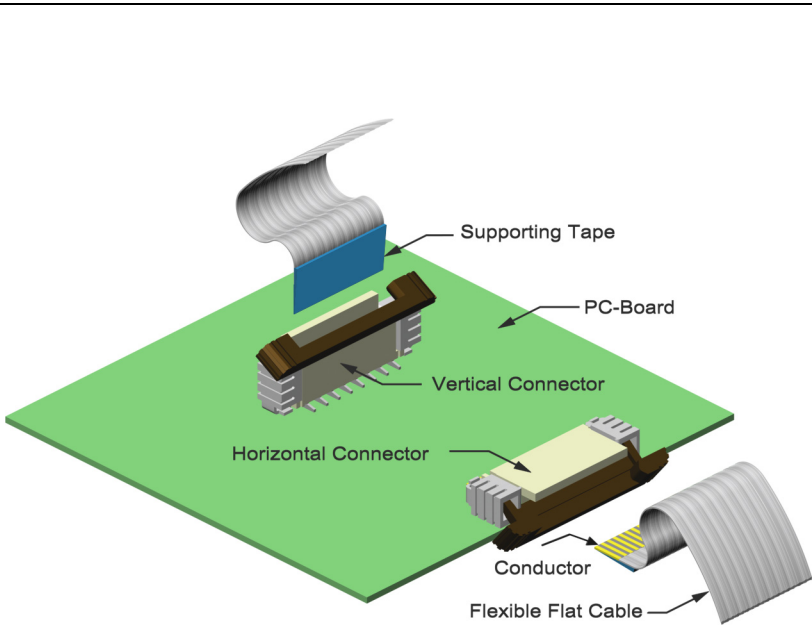


# Flex Cable

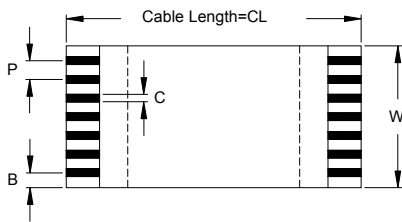
0.50mm to 2.54mm pitch



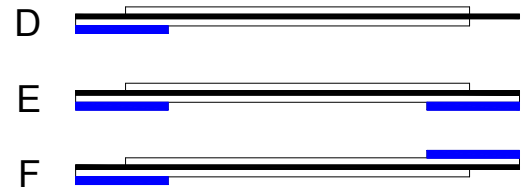
## Specifications

Conductor resistance	according to JIS C-C3102 (@ 20°C)	
Insulation resistance (as per MIL-STD-202F Method 302 cond. B)	> 1000MΩ/Meter	
Dielectric strength (as per MIL-STD-202 Method 301)	500V AC / Minute	
Voltage rating	up to 2.54mm pitch:	60V AC
Current rating @20°C	0.50mm pitch:	0.4A
	0.80 & 1.00mm pitch:	1.0A
	1.25mm pitch:	1.5A
	2.54mm pitch:	2.0A
Temperature rating	-40°C to +85°C	
Flame Test	UL Sub, 758 VW-1	
Flexing Test		
A) Bending angle: 180°, R=Cable thickness	≥ 20 cycles	
B) R=10.00mm 70 cycle/Minute @23°C	≥ 100.000 cycles	
Abrasion Test following EN3475-503		
Tool: Ø0.50mm, Weight: 600g, Speed: 60 cycle/Min.	≥ 10.000 cycles	
Insulator	Polyester (white)	
Supporting Tape	Polyester (blue)	
Conductor	flat Copper Wire Tin or Gold plated	
Available UL Style:	20624/20798 (others on request)	

## Dimensions



## Cable Type

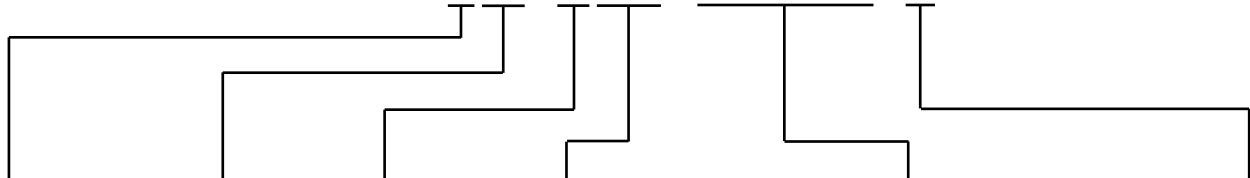


DIM (mm)	"P" (Pitch)	"C"	"B"	"W"	"CL"	"T"	"A1"	"A2"	"ST1" (Supporting Tape)	"ST2" (Supporting Tape)
Range	0.50 - 2.54	0.30 - 0.80	same as "P"	Px(n+1)	20.00 min.	0.30	3.00 - 6.00	3.00 - 6.00	6.00 - 15.00	6.00 - 15.00
Tolerance	±0.05	±0.05	±0.08	±0.10	see <b>Note</b>	±0.05	±1.00	±1.00	±2.00	±2.00

**Note:** 20 - 100mm ±2.00mm      101 - 200mm ±3.00mm      201 - 300mm ±4.00mm      >301mm ±5.00mm

## How to order

FCA - x xx - X xxx - 4 4 06 10 - x



Pitch	Nbr of Conductors	Cable Type	Cable length "CL"	Cable End	Conductor plating
1 = 0.50 mm	04 - 200	D E F	Example: 050 = 50.00mm 100 = 100.00mm	Example: 4 4 06 10 A1 A2 ST1 ST2 4.0 mm 4.0 mm 6.0 mm 10.0 mm ST2 = 00 if Cable Type "D" blank if same as ST1, if different use code like ST1	9 = Tin (leadfree) 5 = Gold flash (on "A1" & "A2" area)
2 = 0.80 mm	06 - 100				
3 = 1.00 mm	02 - 100				
4 = 1.25 mm	02 - 84				
7 = 2.54 mm	03 - 38				