

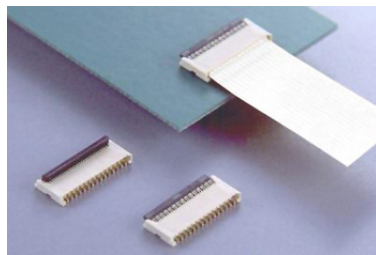
## 1. Application Scope

These 0.3mm pitch ffc cable can replace 0.3mm pitch FPC(flexible printed circuit),used to connect the following of 0.3mm pitch fpc connector.

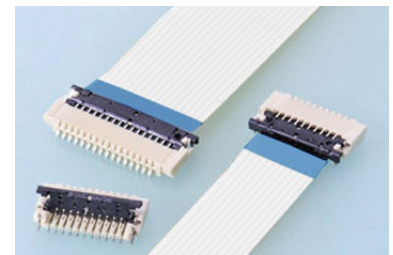
Manufacturer	Product series
Tyco electronics	1746237, 1827360, 1827674
Molex incorporated	54393, 54809, 500797, 501616, 501912, 502350
FCI france	1006112
Hirose electronic	FH26, FH35
JAE technology	FB3, FB6, FB8, FL2
Kyocera Elco	6281, 6283, 6293,6296, 6841
SMK corporation	FP-03L, FP-03U
J.S.T Mfg	FXL, FXR, FXS, FXZ, FXZT



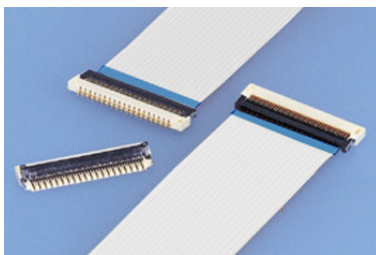
Hirose FH35 series



JAE-FB8 series



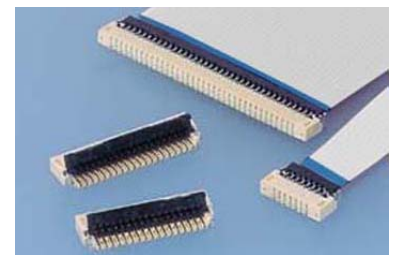
JST FXL series



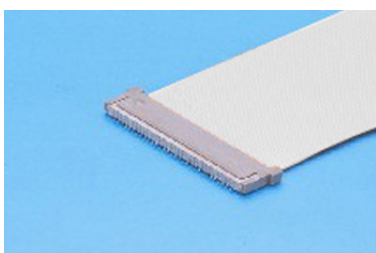
JST FXR series



JST FXS series



JST FXZ series



SMK-FP-03L series

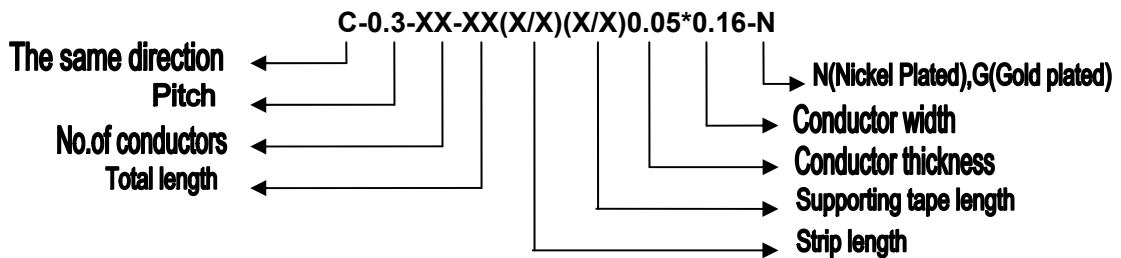


SMK-FP-03U series

**(1) Scope of application:**

This specification covers the construction and the properties of 0.3mm pitch flexible flat cable.

**(2)Part No.:**



**(3)Material composition:**

3.1 Conductor:Nickel plated copper,Gold plated copper.

3.2 Insulation:Polyester(White)

3.3 Supporting tape:Polyester (Blue)

**(4)Characteristic:**

ITEM	TEST METHOD	SPECIFICATION
Conductor Resistance	JIS C-3102 at 20℃	2164Ω/Km
Insulation Resistance	DC250V at 20℃	Max.100MΩ.p
Dielectric withstanding Voltage between conductors	AC250V for 1min	No breakdown
Rated voltage/temperature		60V/80℃
Operation temperature		-40℃~+80℃
Continuity	Continuity tester DC5.0V	No open/short circuit
Heat Resistance	85℃, 96hrs	Insulation resistance and Dielectric strength pass
Temperature cycling	-40℃ for 4 hrs→ 85℃ for 4 hrs→ 25℃ for 1hr(5cyc.)	Insulation resistance and Dielectric strength pass
Humidity	40℃,95%RH,96 hrs	Insulation resistance and Dielectric strength pass
Flexing	180°folding test 180°	>20cycles
	R10×25mm stroke×70cycles/min	>100000cycles
Flammability	UL VW-1	