

FLEXIBLE FLAT CABLE

FFC

UL GRADE :

UL 20624	60V 80°C
UL 20706	60V 105°C
UL 2643	300V 105°C

CONDUCTOR : TIN & NI & GOLD

Conductor Size (mm)(Ct*Cw)	Conductor Resist. (Ω /m)	Conductor Size (mm)(Ct*Cw)	Conductor Resist. (Ω /m)
0.1*1.27	0.10	0.05*0.3	1.28
0.1*0.8	0.26	0.035*0.8	1.18
0.1*0.7	0.33	0.035*0.7	0.94
0.05*0.8	0.52	0.035*0.65	0.96
0.05*0.7	0.60	0.035*0.6	1.20
0.05*0.65	0.70	0.035*0.3	1.82
0.05*0.32	1.40		

INSULATION :

Insulation : Polyester (PET) Film + Polyester (PET) Adhesive
Supporting tape : Polyester (PET) Film + Polyester (PET) Adhesive

PITCH & FLEXIBLE :

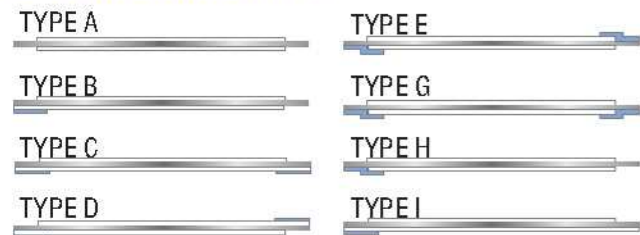
PITCH(mm)	0.5	1.0	1.25	2.54
Conductor	0.035*0.3	0.05*0.6	0.05*0.8	0.1*1.27

Super Flexible	Ct=0.035	t=0.15
Flexible	Ct=0.05	t=0.17
Low Flexible	Ct=0.1	t=0.20

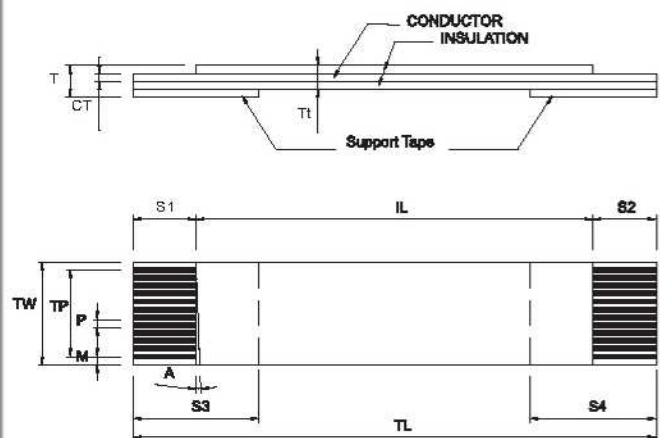
CONSTRUCTION TABLE :

ITEM	CODE	RANGE	TOLERANCE
導體中心間距 Pitch	P	0.5、1.0、1.25、2.54mm	P0.5 0.05 P1.0 0.10 P1.25 0.10 P2.54 0.20
導體數 Pin	NC	6~110	---
總長度	TL	IL+S1+S2	1(30-100) 3(101-300) ±5(301-600) ±8(601-∞)
絕緣長度	IL	25~∞	
總寬度	TW	P*(NC+1)	P0.5 0.08 P1.0 0.15
導體總寬度	TP	P*(NC-1)	P1.25 0.20 P2.54 0.20
排線邊緣寬度	M	(TW-TP)/2	0.10
剝線長度	S1/S2	2.0~5.0	0.50
補強板長度	S3/S4	4.0~15.0	1.00
切口斜度	A	0	0.50 MAX
導體寬度	CW	0.3~1.27mm	0.03
導體厚度	CT	0.035、0.05、0.1mm	0.01
排線厚度	Tt	0.15、0.17、0.22mm	0.02
排線貼補強板厚度	T	0.32、0.33、0.38mm	0.05

STANDARD TYPE :



CONSTRUCTION DRAWING :



USAGE :

FFC can be used in all different kinds of applications, presently TFT LCD monitor/TV/PC, notebook, printer, scanner, tablet PC, DVD-ROM, Mobil Phone, GPS etc, are mostly applied.

