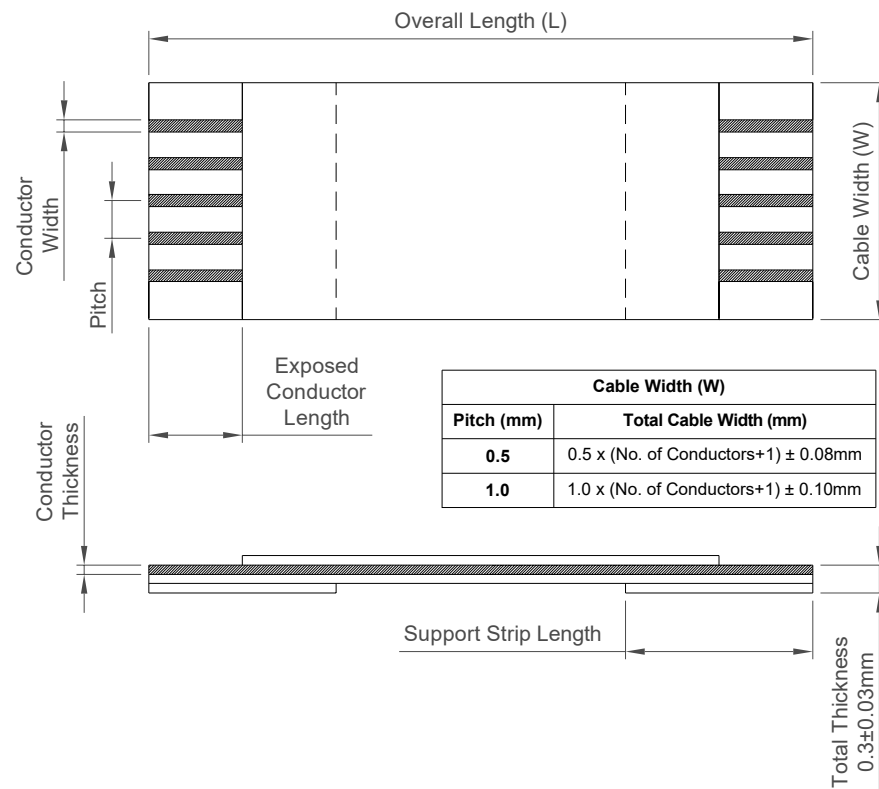
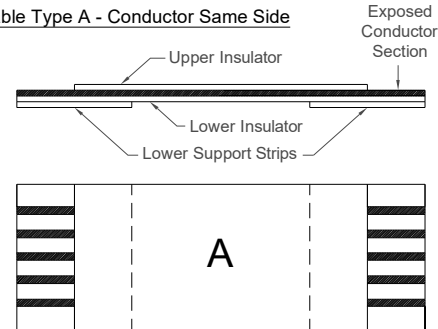


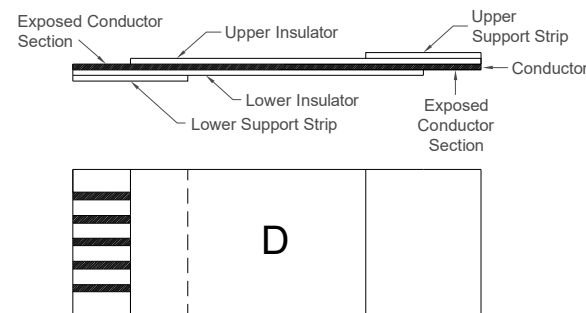
H
G
F
E
D
C
B
A



Cable Type A - Conductor Same Side



Cable Type D - Conductor Opposite Side



Specifications

Materials

Conductor: Tinned Copper
Insulation: Flame retardant polyester, White
Supporting Tape: Polyester, Blue

Electrical

Voltage Rating: 60V
Current Rating: 0.5mm pitch=0.5A
1.0mm pitch=1A

Mechanical & Environmental

Operating Temperature Range:
-40°C to +80°C (UL20624)
-40°C to +105°C (UL20706)
Durability: 30 Cycles

Notes

- For detailed tolerance info, refer to FFC product spec.
- Halogen free product will have green printing on insulator.

For non-standard options, contact GCT

- Exposed conductor length
- Support strip length
- Conductor thickness/width
- Folding/bending to an angle

Ordering Grid

XX - XX - X - XXXX - X - X - XX - X - X - XX

Pitch
05 = 0.5mm
10 = 1.0mm

Number of Conductors
04-80 (0.5mm pitch)
04-50 (1.0mm pitch)

Cable Type
A = Conductor Same Side
D = Conductor Opposite Side

Overall Length (L)
Specify cable length (Minimum = 30mm)
eg 0030 = 30mm
0100 = 100mm

Conductor Thickness x Width
A = 0.035 x 0.3 (0.5mm pitch only)
D = 0.035 x 0.65 (1.0mm pitch only)
E = 0.05 x 0.65 (1.0mm pitch only)
C = 0.1 x 0.65 (1.0mm pitch only) (Tin plating only)

Request Samples
and Quotation

Environmental Options
Blank = Insulator contains DBDPE
-HF = Halogen free/ DBDPE free
(complies with IEC61249-2-21)

Plating
T = Tin
G = Gold (Conductor Thickness x Widths A, D & E only)

UL Style No.
1 = UL20624, not printed
2 = UL20624, printed
3 = UL20706, not printed
4 = UL20706, printed

Support Strip Length
06 = 6mm both ends (standard - 0.5mm pitch)
08 = 8mm both ends (standard - 1.0mm pitch)
Or specify custom length

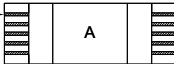
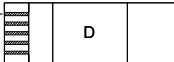
Exposed Conductor Length
4 = 4mm both ends (standard)
Or specify custom length

Support Strip and Plating Options by Pitch

Pitch (mm)	Support Strip Length (mm)	Plating Options (conductor thickness x width (mm))	
		Tin	Gold
0.5	6	0.035 x 0.3 (A)	0.035 x 0.3 (A)
1.0	8	0.035 x 0.65 (D) 0.05 x 0.65 (E) 0.1 x 0.65 (C)	0.035 x 0.65 (D) 0.05 x 0.65 (E)

Part Number N/A		Product Description Flat Flex Cable Ordering Information	
Drawing Date 23rd May 2011			
By Detail	T.F FFC CABLE B PCN	Tolerances (Except as Noted) Length	Angle
Revision B9	Date 27/05/26	Units: Metric (mm)	
		3rd Angle Projection	
		RoHS COMPLIANT 2011/05/EU	
		This drawing is confidential and copyright of Global Connector Technology, Ltd (GCT). This drawing must not be copied or disclosed without written consent. E & OE	
		GCT www.gct.co	
		Not to Scale	Drawn By SA
		Sheet No. 1/2	

Shielded FFC Ordering Information

Shielding Options		
Material	Usage	Remarks
Aluminium foil with conductive glue (<i>Standard</i>)	General shielding	Polyester film laminated non-conductive surface
Copper foil with conductive glue	High performance shielding	
Grounding Conductors		
Conductor 1 →		Decide the conductor numbers you require grounded to the shield.
Conductor 1 →		Note the default location of conductor 1 and whether this is suited to your design

For non-standard options, contact GCT

- Exposed conductor length
- Support tape length
- Conductor thickness/width
- Folding/bending to an angle

Ordering Grid

S - XX - XX - X - XXXX - X - X - XX - X - XX - X - X - XX

Pitch
05 = 0.5mm
10 = 1.0mm

Number of Conductors
06-80 (0.5mm pitch)
06-50 (1.0mm pitch)

Cable Type
A = Conductor Same Side
D = Conductor Opposite Side

Overall Length (L)
Specify cable length (Minimum = 30mm)
eg 0030 = 30mm
0100 = 100mm

Conductor Thickness x Width
A = 0.035 x 0.3 (0.5mm pitch only)
D = 0.035 x 0.65 (1.0mm pitch only)
E = 0.05 x 0.65 (1.0mm pitch only)
C = 0.1 x 0.65 (1.0mm pitch only) (Tin plating only)

Shield Material
A = Aluminium
C = Copper

Which conductor is connected to shield both ends (up to 4)
eg 00 = No conductors are connected to shield
01 = Conductor 1 connected to shield both ends
0105 = Conductors 1 and 5 connected to shield
010508 = Conductors 1, 5 and 8 connected to shield
...
01050816 = Conductors 1, 5, 8 and 16 connected to shield
If more than 4 conductors connected to shield, contact GCT

Request Samples and Quotation

Environmental Options
Blank = Insulator contains DBDPE
-HF = Halogen free/ DBDPE free (complies with IEC61249-2-21)

Plating
T = Tin
G = Gold (Conductor Thickness x Widths A, D & E only)

UL Style No.
1 = UL20624, not printed
2 = UL20624, printed
3 = UL20706, not printed
4 = UL20706, printed

Support Strip Length
06 = 6mm both ends (standard - 0.5mm pitch)
07 = 7mm both ends (standard - 1.0mm pitch)
Or specify custom length

Exposed Conductor Length
5 = 5mm both ends (standard)
Or specify custom length

Part Number		Product Description				 www.gct.co
N/A		Flat Flex Cable Ordering Information				
Drawing Date						
23rd May 2011						
By	T.F	Tolerances (Except as Noted)		Units:		 This drawing is confidential and copyright of Global Connector Technology, Ltd (GCT). This drawing must not be copied or disclosed without written consent. E & OE
Detail	FFC CABLE B PCN	Length	Angle	Metric (mm)		
Revision	B9			 3rd Angle Projection		
Date	27/05/26					
Not to Scale		Drawn By SA		Sheet No. 2/2		