

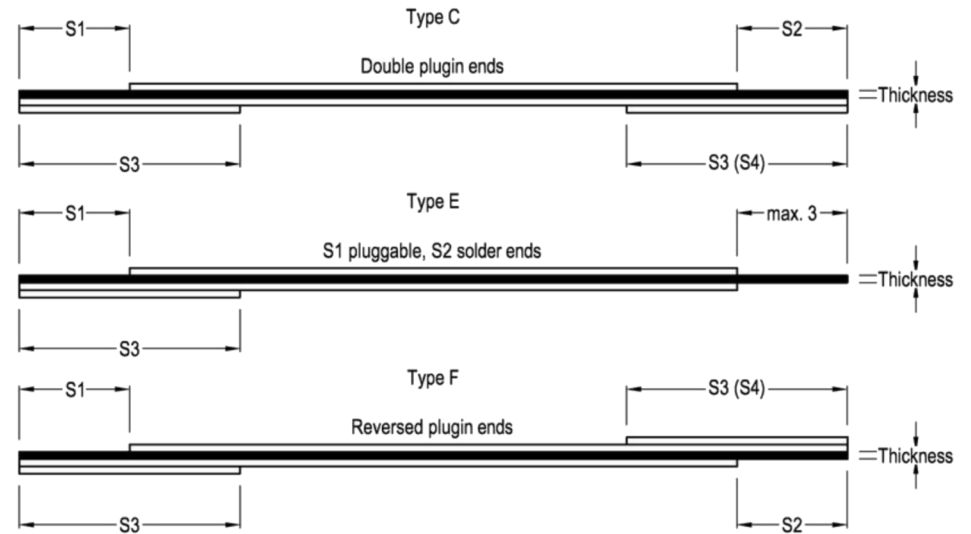
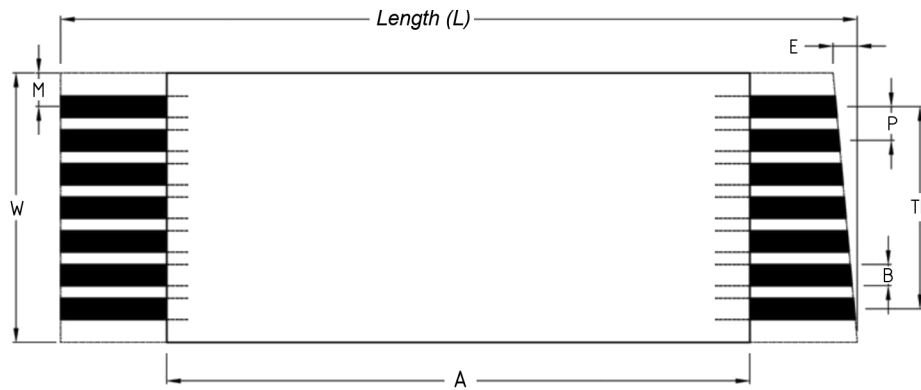
On release of the data sheet, previous releases are no longer valid. Dimensions are subject to change.

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Item	Specification
Total Length (L):	L +/- 5.0
Insulation Length (A):	(L-S1-S2) +/- 5.0
Total Pitch (TP):	Pitch x (N-1) Pin +/-0.08
Width (W):	Pitch x (N+1) Pin +/-0.08
Pitch (P):	Pitch +/-0.03
Margin (M):	Pitch +/-0.10
Slanting (E):	<0.5
Insert Thickness:	0.30 (nominal)
Conductor material:	Cu + Sn
Insulation material:	PET, acc. to VW-1, white
Supporting tape material:	PET, acc. to VW-1, blue
Environment temperature:	up to +80°C (+105°C as option -HT)

Table "Order Codes for Conductor Dimensions"

Pitch	Pitch order code	Available number of contacts	Available types	Available conductor thickness	Width of conductor (B)
0.50mm	1	04-80	C, F	0.035mm (Option -3-)	0.30mm (Option -1-)
1.00mm	3	04-60	C, E, F	0.050mm (Option -2-)	0.65mm (Option -3-)
1.25mm	4	04-40	C, E, F	0.050mm (Option -2-)	0.80mm (Option -4-)



Series **Pitch** **Conductors (N)**** **Insulation Length (A)*** **Type**** **S1/S2/S3/(S4)*** **Thickness**** **Width (B)**** **Temperature range**

46-599 **3** **04** **120** **C** **5/5/10** **2** **4**

1 0.50mm
3 1.00mm
4 1.25mm

04-80

Insulation Length [mm]

C
E
F

S1 [mm]
Uncovered length
2-5mm
S2 [mm]
Uncovered length
2-5mm
S3 (S4, optional) [mm]
Stiffener Length
3-20mm

2 0.050mm
3 0.035mm

1 0.30mm
3 0.65mm
4 0.80mm

[] up to +80°C (UL20624)
HT: up to +105°C (UL20706)

For Thickness and Width, please refer to table "Order Codes for Conductor Dimensions" above

* Replace by your needed specs
** Replace by your needed specs in accordance to table



Serial Number 46-599			
Part Name Flexible Flat Cables			
Creation date 2020-05-12	Drawn AL	Approved PS	Approval date 2024-05-29
REACH (EG) Nr: 1907/2006 RoHS 2011/65/EU compliant		Scale %	Sheet