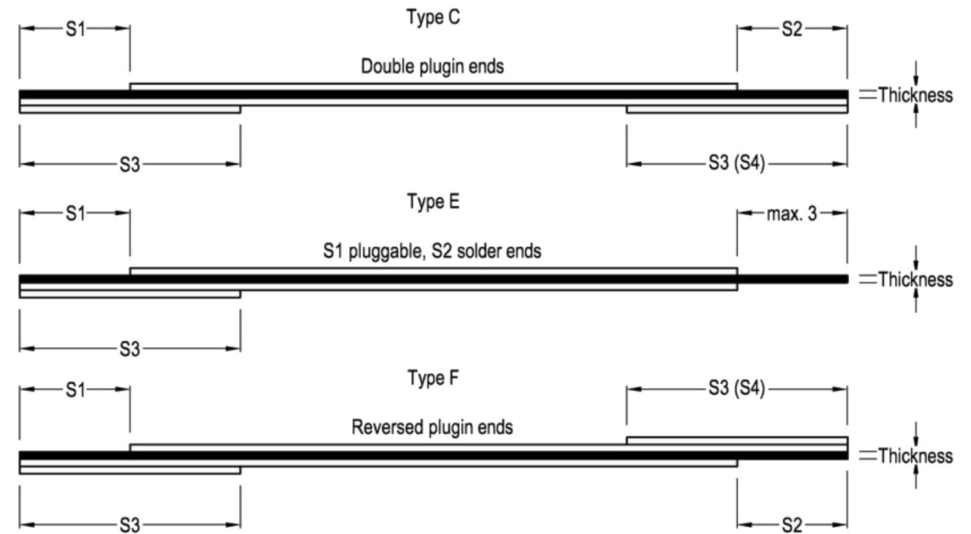
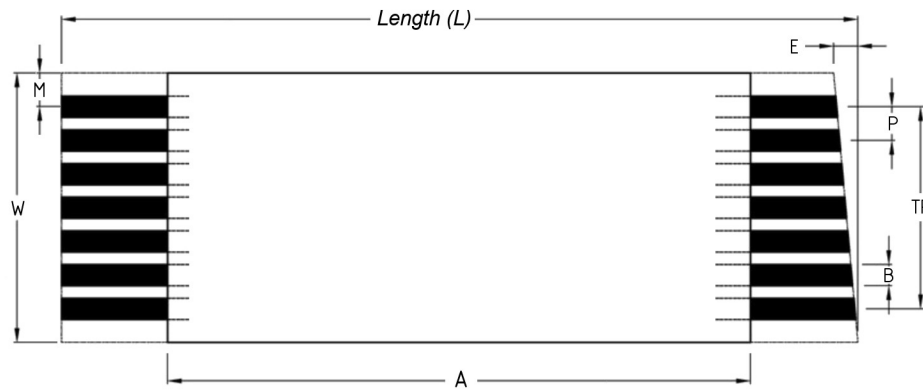


On release of the data sheet, previous releases are no longer valid. Specifications and dimensions are subject to change.

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Item	Specification	Pitch	Pitch order code	Available number of contacts	Available types	Available conductor thickness	Width of conductor (B)
Total Length (L):	L +/- 5.0	0.50mm	1	04-80	C, F	0.035mm	0.30mm
Insulation Length (A):	(L-S1-S2) +/- 5.0	1.00mm	3	04-60	C, E, F	0.050mm	0.65mm
Total Pitch (TP):	Pitch x (N-1) Pin +/-0.08	1.25mm	4	04-40	C, E, F	0.050mm	0.80mm
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)						



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)

* Replace by your needed specs

** Replace by you 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