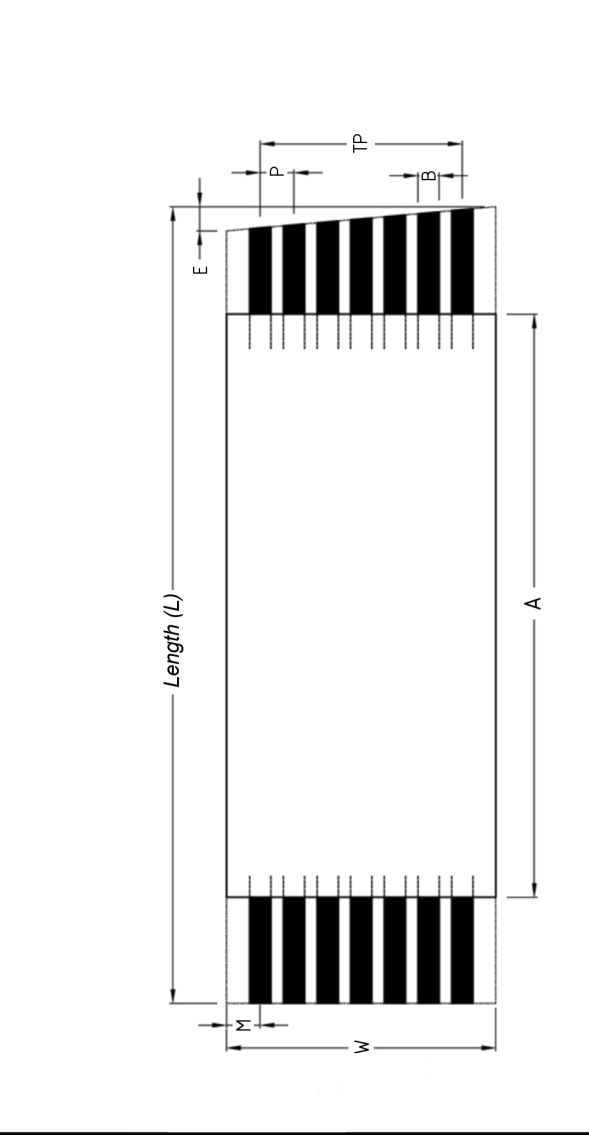
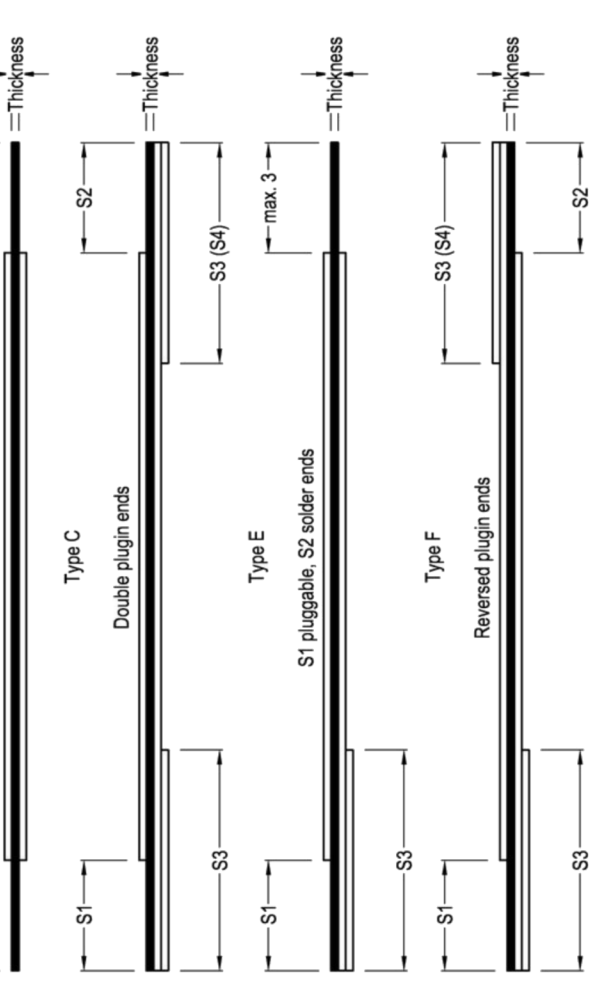
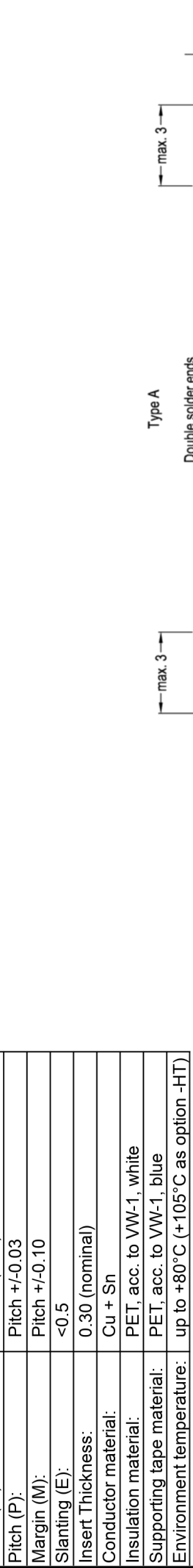


Item	Specification	Pitch	Pitch order code	Available number of contacts	Available types	Available conductor thickness	Width of conductor (B)
Total Length (L):	L +/- 5.0	0.50mm	1	04-80	C, F	0.035mm, 0.050mm	0.30mm
Insulation Length (A):	(L-S1-S2) +/- 5.0	1.00mm	3	04-60	A, C, E, F	0.050mm, 0.100mm	0.65mm
Total Pitch (TP):	Pitch x (N-1) Pin +/- 0.08	1.25mm	4	04-40	A, C, E, F	0.050mm, 0.100mm	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)						

On release of the data sheet, previous releases are no longer valid. Design and specifications are subject to changes.



**Series** **46-599** **Pitch** **3** **Conductors (N)\*\*** **04** **Insulation Length (A)\*** **120** **Type\*\*** **C** **Thickness\*\*** **2** **Width (B)\*\*** **4** **Temperature range**

**46-599** **04-80** **120** **C** **5/5/10** **4** **[ ] up to +80°C (UL20624)**

**1** 0.50mm **3** 1.00mm **Insulation Length [mm]** **1** 0.100mm **1** 0.30mm **2** 0.050mm **2** 0.65mm **3** 0.035mm **3** 0.050mm **3** 0.035mm **4** 0.80mm **4** 1.25mm

**2** 0.100mm **3** 0.035mm **S1 [mm]** **Uncovered length** **2-5mm** **S2 [mm]** **Uncovered length** **2-5mm** **S3 (S4, optional) [mm]** **Stiffener Length** **3-20mm**

**3** 0.050mm **4** 1.25mm **Insulation Length [mm]** **1** 0.100mm **2** 0.050mm **3** 0.035mm **4** 0.80mm

**4** 1.25mm **Insulation Length [mm]** **1** 0.100mm **2** 0.050mm **3** 0.035mm **4** 0.80mm

**5/5/10** **S1 [mm]** **Uncovered length** **2-5mm** **S2 [mm]** **Uncovered length** **2-5mm** **S3 (S4, optional) [mm]** **Stiffener Length** **3-20mm**

**C** **A** **C** **E** **F**

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

**Serial Number** **46-599** **Part Name** **Flexible Flat Cables** **Creation date** **2020-05-12** **Drawn** **AL** **Approved** **PS** **Approval date** **2020-05-12** **Scale** **%** **Sheet**

**REACH (EG) Nr. 1907/2006** **REHS 2011/65/EU compliant**

**W+P** **WE CONNECT IT**

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

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