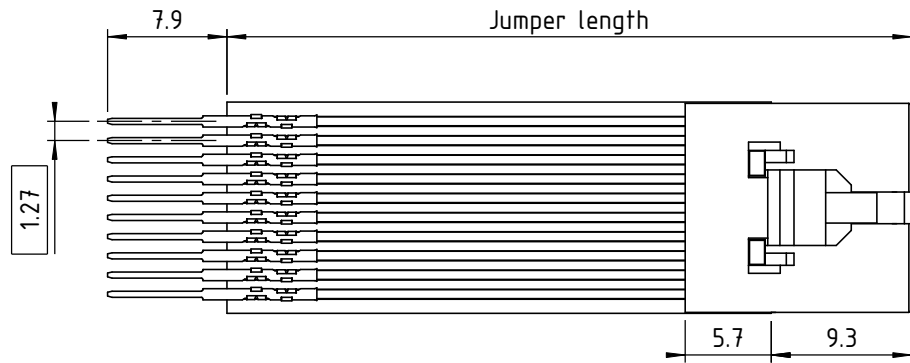
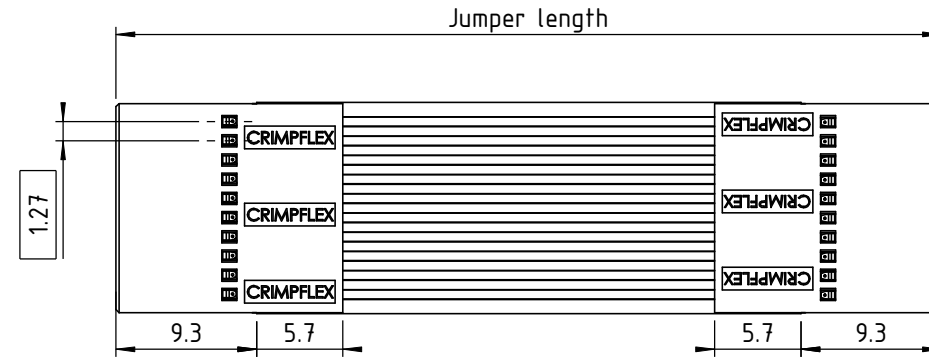


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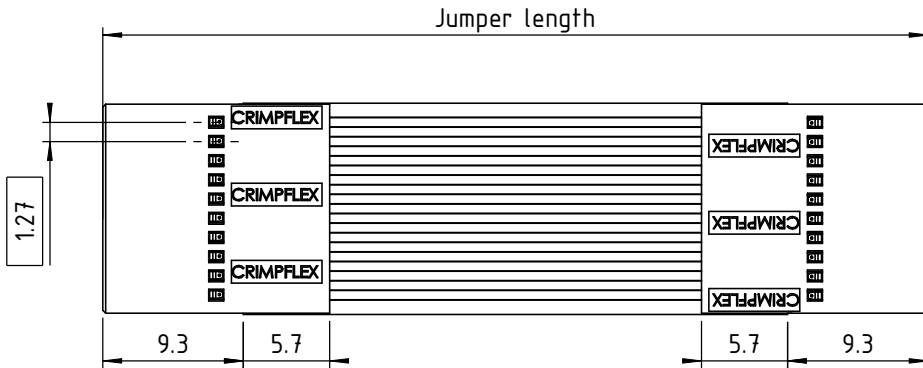
Configuration 1
 Standard 1.27mm male / female jumper



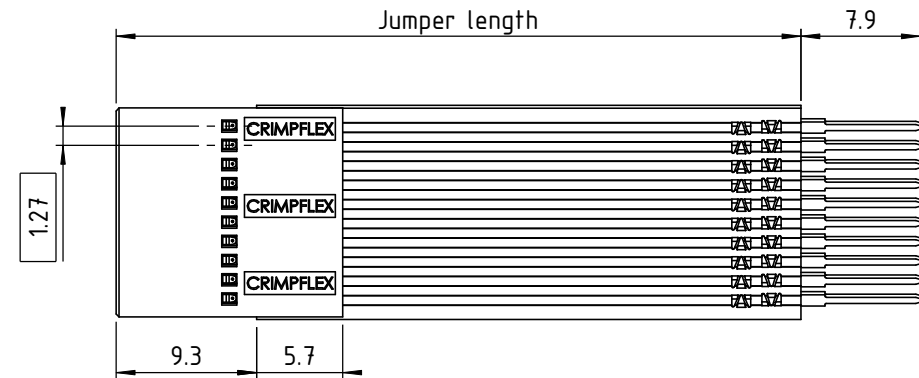
Standard 1.27mm female / female double jumper configuration



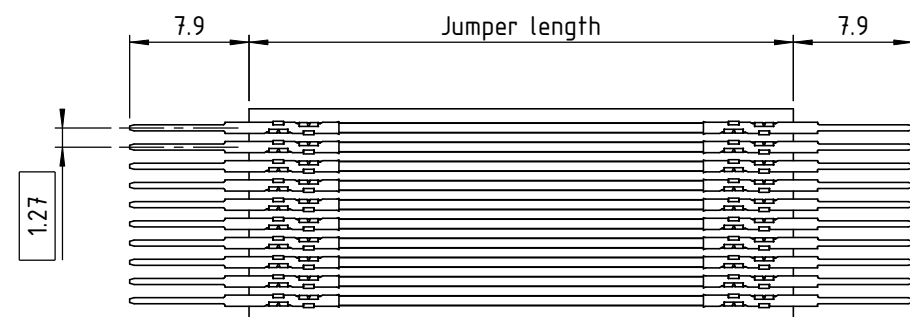
Configuration 2
 Standard 1.27mm female / female jumper



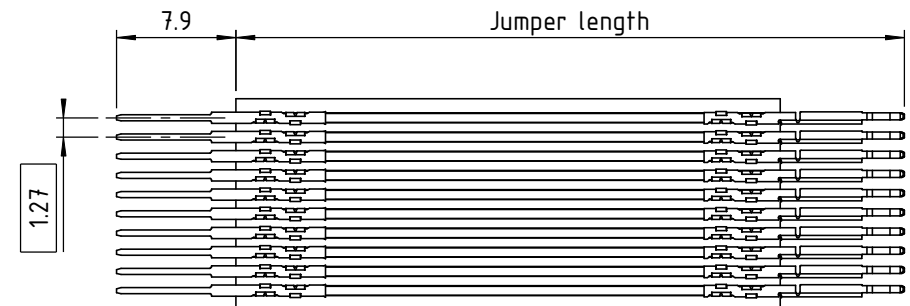
Standard 1.27mm female / male double jumper configuration



Configuration 3
 Standard 1.27mm male / male jumper

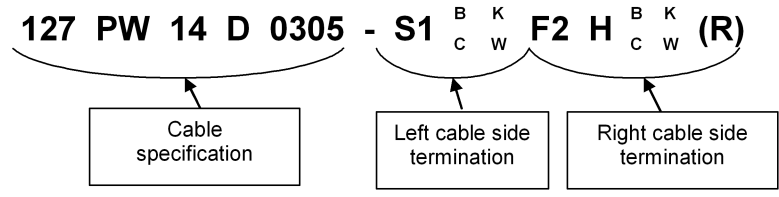


Configuration 4
 Standard 1.27mm male / female without housing jumper



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<i>Designation : Generic drawing standard 1.27mm jumpers</i>						Ind.	Date	Modification	Drawn	Checked	Approved
						Echelle/Scale 2:1		Tolérance générale / General tolerance ±0.2			
Répertoire / Folder X:\Méthodes\01 - Crimpflex\09 - Limandes 1,27mm\Plan générique\						N° Plan / Drawing N°		Standard 1.27mm jumper		Page 1/2	A3
Réf. Catalogue / Catalogue Reference											

Part numbering example



1. Cable specification

5 blocks are defined to determine the cable specification

- **127** : Cable pitch (1.27mm)
- **PW** : Cable style – Standard White Polyester
- **14** : Number of conductors

Note for a double jumper :

The number of conductors always represents the total number of conductors. Eg. For a jumper with 1 double row housing – M4F20 for example the number of conductors is 20 and the cable to be a 10 conductor cable

- **D** : Conductor size (0.076 mm x 0.66 mm)
- **0305** : Length in mm (305 mm) measured from end to end
(This length is used to determine the cable length, see explanation in 4.)
- **Standard double jumper** : left and right termination is crimped in the same direction (refer to 3D images on the other side of this file). If you need to crimp in the opposite direction, then the part number will be specific.

2. Left cable side

4 blocks are defined to determine the left section of the cable

- **S1** : Contact selected on the left side of the cable (refer to the table with contacts on the right)
- Housing selected on the left side of the cable (none selected in our example left blank)
- **B** : Bending of the contact to the crimping direction (if no bending space left blank)
 Ou
- **C** : Bending of the contact to the opposite side to the crimping direction (if no bending space left blank)
- **K** : Polyimide insulator addition on the left side of the cable (if no addition space left blank)
 Ou
- **W** : Polyester insulator addition on the left side of the cable (if no addition space left blank)

3. Right cable side

5 blocks are defined to determine the right section of the cable

- **F2** : Contact selected on the right side of the cable (refer to the table with contacts on the right)
- **H** : Housing selected on the right side of the cable (refer to the table with housings on the right)
- **B** : Bending of the contact to the crimping direction (if no bending space left blank)
 Ou
- **C** : Bending of the contact to the opposite side to the crimping direction (if no bending space left blank)
- **K** : Polyimide insulator addition on the right side of the cable (if no addition space left blank)
 Ou
- **W** : Polyester insulator addition on the right side of the cable (if no addition space left blank)
- **R** : Crimping on the opposite side (if crimping is done on the same side as on the left section of the cable, then space left in blank)

4. Cable length

These configurations allow to measure the cable length L in function of the number of housing N :

Configuration (1) Male / Female	1 housing	N=1
Configuration (2) Female / Female	2 housings	N=2
Configuration (3) Male / Male	0 housing	N=0
Configuration (4) Female / Female	0 housing	N=0 but we retrieve 9.4 mm for the cable housing cut to be made with the female contact

The L cable cut length is determined as follows :
 L = Jumper length - N x 9.4

In our example : Jumper length = 305 et N = 1
 Cable cut length : L = 305 - (1 x 9.4) = 295.6

Therefore, we need to cut the cable with a length of 295.6mm to get a jumper length of 305mm.

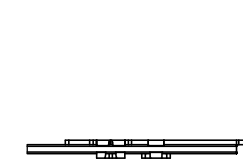
Tolerance for the cable cut : it is ± 2mm for a total length of 1000mm and increases in proportion.
 Example: it will be ± 4mm for a total length of 2000mm

Housing table	Code	Housing P/N
	H	M0F
	J	M0J
	R	M0JR
	4	M4F
	M	M4J

Contacts table	Code	Contact P/N	Type contact	Code	Contact P/N	Type contact
	F1	16068-12	Female	S1	16069-12	Male
	F2	16068-32	Female	S2	16069-32	Male



B : Bending to the crimping direction



C : Bending to the opposite side

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		Ind.		Date		Modification		Drawn		Checked		Approved	
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Réf. Catalogue / Catalogue Reference													