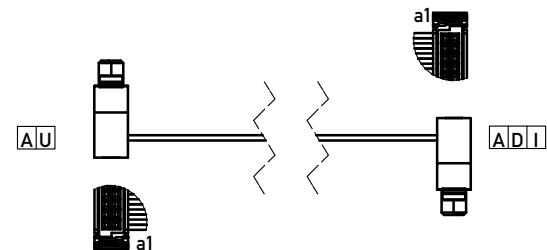
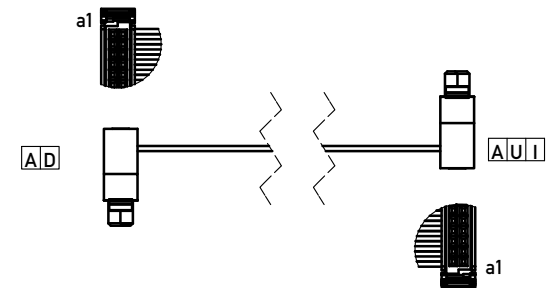
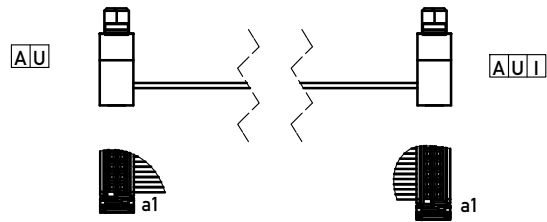


Attachment & Connector Orientation

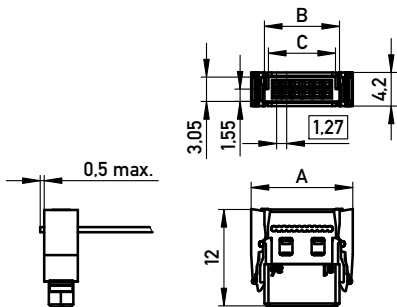
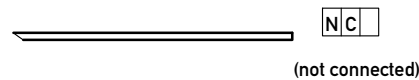
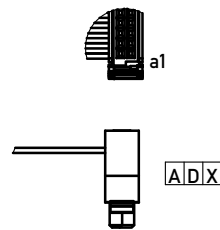
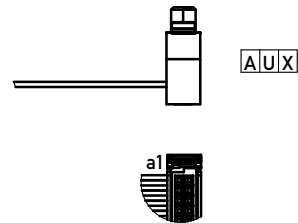
1:1 connection type ☐ I

Connector #1 Connector #2



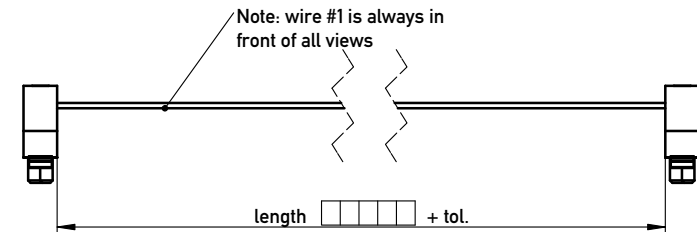
1:2 Crossed connection type ☒ X

Connector #2 will be 180° rotated



No. of Pin	Dim A	Dim B	Dim C
12	12.69	9.37	8.37
16	15.23	11.91	10.91
20	17.77	14.45	13.45
26	21.58	18.26	17.26
32	25.39	22.07	21.07
40	32.53	27.15	26.15
50	38.88	33.5	32.5
68	50.31	44.93	43.93
80	57.93	52.55	51.55

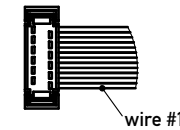
Wire Counting & Flat Cable Specification



Note: wire #1 is always in front of all views

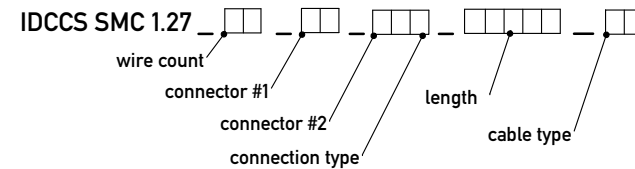
Tolerances depends on cable length:
 <= 1000mm Tol. 0/+5mm
 <= 3000mm Tol. 0/+10mm
 > 3000mm Tol. 0/+20mm

Available wire count
12
16
20
26
32
40
50
68
80



Available cable type				
code	cable type	AWG	wire #1 colour	temp range (static)
PV	PVC	30/7	red	-20°/+105°C
TP	TPE-S	30/7	green	-40°/+125°C
HF	Polyolefin (free of halogen)	30/7	blue	-20°/+105°C

Product Code



Example for a 1:2 connection cable assembly: SMC 0.635 ☐ 80 ☐ AU ☐ AUX ☐ 1250 ☐ PV

Example for a 1:1 connection cable assembly: SMC 0.635 ☐ 80 ☐ AU ☐ AUI ☐ 1250 ☐ PV

Information:

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Tolerances



Scale 2:1

Sheet 1/1



Designation	
SMC Standard Cable Flat Ribbon Cable Assemblies	
838000	I A3
Class IDCCS	

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