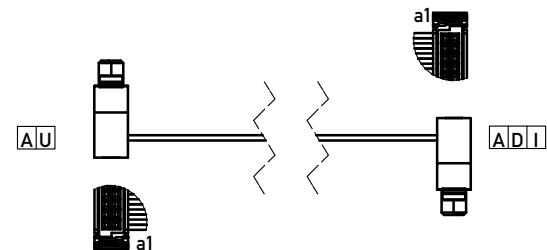
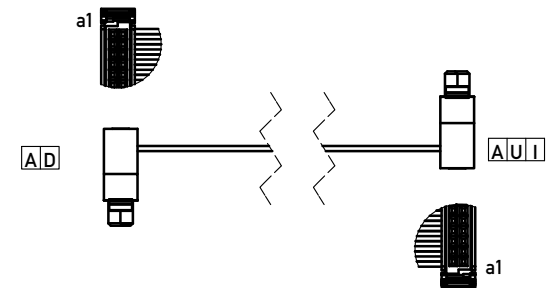
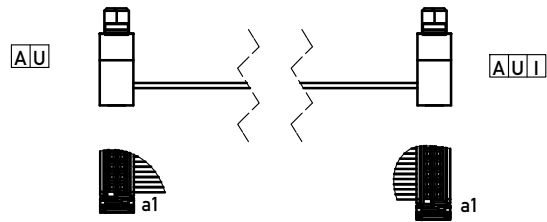


Attachment & Connector Orientation

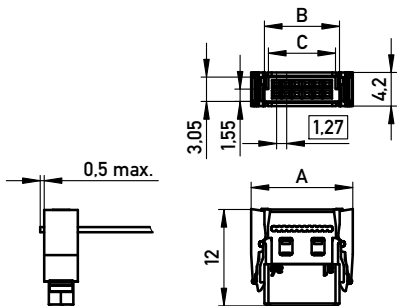
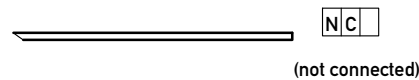
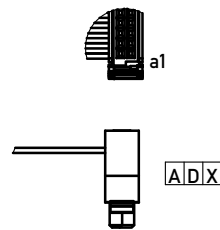
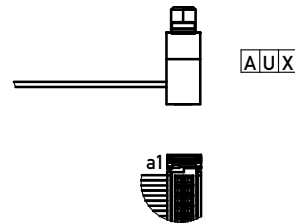
1:1 connection type ☐ I

Connector #1 Connector #2



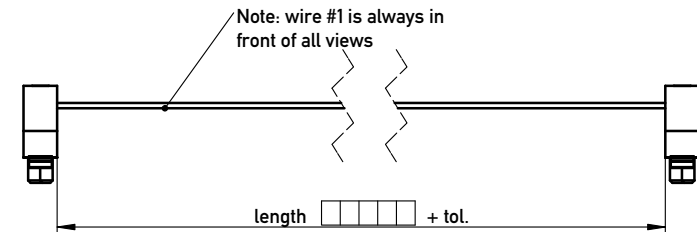
1:2 Crossed connection type ☒ X

Connector #2 will be 180° rotated



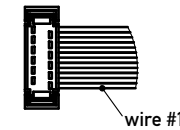
No. of Pin	Dim A	Dim B	Dim C
12	12.69	9.37	8.37
16	15.23	11.91	10.91
20	17.77	14.45	13.45
26	21.58	18.26	17.26
32	25.39	22.07	21.07
40	32.53	27.15	26.15
50	38.88	33.5	32.5
68	50.31	44.93	43.93
80	57.93	52.55	51.55

Wire Counting & Flat Cable Specification



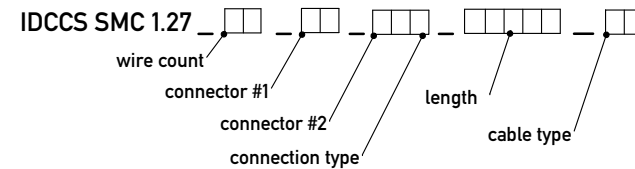
Tolerances depends on cable length:
 <= 1000mm Tol. 0/+5mm
 <= 3000mm Tol. 0/+10mm
 > 3000mm Tol. 0/+20mm

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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 To insure that this is the latest version of this drawing, please contact one of the ERNI companies before using.

Tolerances



Subject to modification without prior notice.
 Drawing will not be updated.



Scale 2:1

Sheet 1/1

Designation
SMC Standard Cable
Flat Ribbon Cable Assemblies

838000

Class IDCCS

I
 A3

Mouser Electronics

Authorized Distributor

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