

RODAN

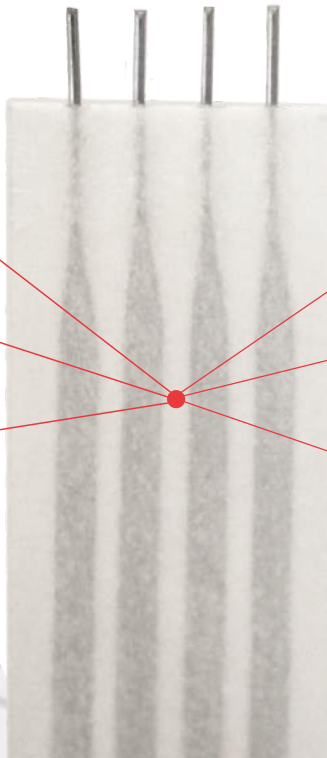
CABLE ASSEMBLY

RFC flex-jumpers



RODAN RFC flex-jumper

RODAN RFC FLEX-JUMPER is a flat cable with Round to Flat Conductors (RFC) for soldering – ready to use, which benefits in a easy and safe board to board connections.



- SPACE SAVING
- TERMINATIONS STYLES CAN BE COMBINED
- HIGH FLEXIBILITY
- LOW ASSEMBLING COST
- HIGH VIBRATION SAFETY
- SHORT DELIVERY TIMES

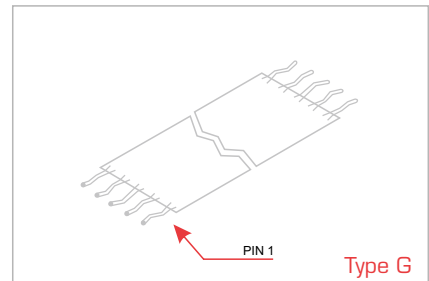
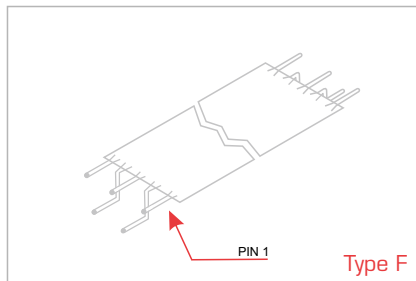
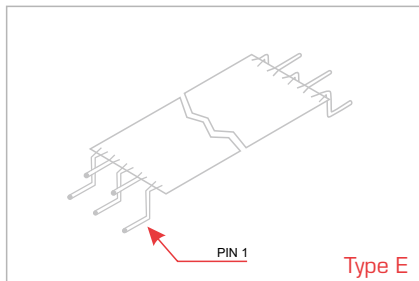
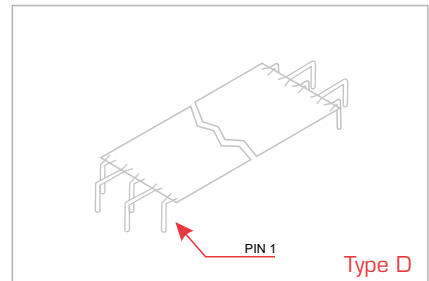
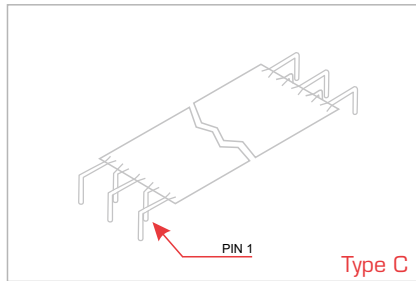
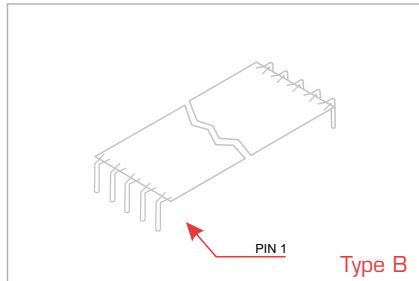
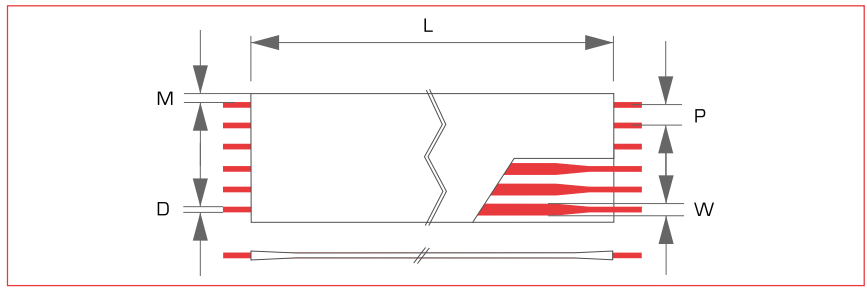
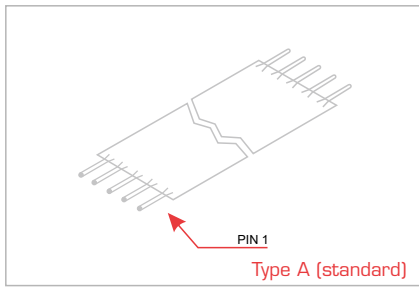


The Round-to-flat conductor technology ensures a high vibration safety and bending resistance.

Technical data

P	Pitch	mm	1	1.25	1.27	2.0	2.54	3.96	5.08
	Number of pins		5-50	4-50	3-50	3-30	2-25	2-17	2-13
L	Insulated length		From 15-998 mm						
	American wire gauge	AWG	28	28	28	26	24	24	24
W	Conductor width	mm	0.7	0.75	0.75	1.35	1.5	1.5	1.5
M	Min. margin		0.3 mm						
D	Pin diameter	mm	0.32	0.32	0.32	0.41	0.51	0.51	0.51
	Conductor material		Cu acc. to EN 13599 min. 1.5 µm tin-plated						
	Voltage rating	V(DC)	200	200	200	200	300	300	300
	Dielectric strenght	V(DC) min	700	1100	1100	1500	1500	1500	1500
	Current rating	A	1.0	1.5	1.5	2.0	3.0	3.0	3.5
	Insulation resistance		>10 ¹⁰ Ω						

Termination styles



Parameters for pitch 2.54

	POLYESTER	NOMEX	PEN
Operating temperature	- 40°C to + 105°C	- 40°C to + 130°C	- 40°C to + 155°C
Soldering temperature	250°C /4sec	260°C /5sec	260°C /5sec
Capacitance	9.0 pf/ft	10.1 pf/ft	10.5 pf/ft
Characteristic Impedance	123 Ω	119 Ω	102 Ω

Order code

Product code: **A40**

Number of Pins: **10**
See Technical Data

Insulation Material:
N = Nomex
E = Polyester
P = Pen
K = Kapton (on request)

AA - Identical ends
For different ends type Fx AC

Pitch (mm): **2.54**
1.00 / 1.25 / 1.27 / 2.00
/ 2.54 / 3.96 / 5.08

Special Pin Length:

code	P1*	P2	P3	P4
mm	3.18	2.85	3.10	3.40

code	P5	P6	P7	P8
mm	3.80	4.10	4.50	6.50

*Standard: 3.18 ± 0.5 mm

Insulated Length (mm): **100**

Insulation Material: **P1**

Manufacturing Relationship, Distributing Quality



Cable Assembly &
Wire Harness Solutions



Overmolded Solutions



Electronic Box
Build Solutions



Cable Solutions &
Accessories



Outsourcing



Connectors



RODAN

Headquarter

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Production site

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