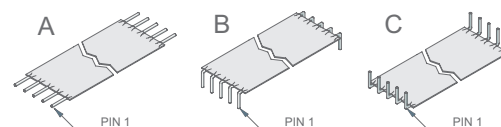
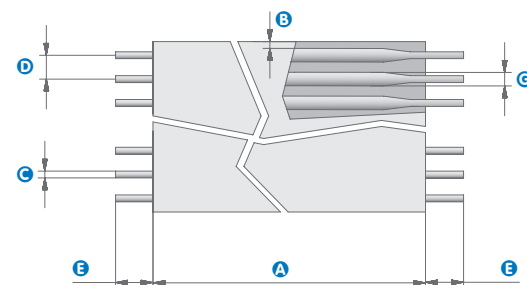


Hitaltech FIX POWER JUMPERS are flexible flat conductor connectors, especially for applications with a current rating of 12 amperes. Solid round conductors ensure fast and secure assembly. In the round-flat-round technology, the copper conductors are rolled flat to a defined geometry in the insulating area, ensuring the highest standards of vibration and bending resistance. The smooth notch-free transition from round to flat guarantees fracture-safe connection points.

PRODUCT DESCRIPTION

- High vibration and bending resistance
- Reliable and fracture-safe connection
- Ready for installation
- Economizes working time and assembly costs
- High productivity by simultaneous soldering of all connection points in the solder bath
- Up to 12 amperes (soldered power jumper)

Pitch e.g. A = 2,54 mm see pitch code		Insulation material e.g. P = Polyester N = Aramid fiber E = PEN K = Polyimide		Termination styles e.g. A = identical ends AB = different see chart	
POW – A 05 – N 051 – A – 001					
Number of pins		Insulation Length from 15-999 mm Special length on request		Special designs on request, drawing required	



TECHNICAL DATA

PANTA® FIX POWER JUMPER

Order code	F	A	P	N	M	C	K	J
D Pitch (mm)	2,5	2,54	3,5	3,96	5,0	5,08	7,0	7,5
Max. number of pins	15	15	8	8	8	8	8	8
A Length (mm)	25-999 in 0,1 steps; special lengths up to 5000							
B Max. margin (mm)	selectable up to 10							
B Min. margin (mm)	1,0	1,0	1,0	1,0	1,0	1,0	1,0	1,0
C Pin diameter (mm)	0,72	0,72	0,91	0,91	0,91	0,91	0,91	0,91
American Wire Gauge (AWG)	21	21	19	19	19	19	19	19
G Flat conductor width (mm)	2,0	2,0	3,0	3,0	3,0	3,0	3,0	3,0
Flat conductor thickness (µm)	200							
Conductor material	min 2-3 µm tin-plated							
Current rating at 20°C (A)	8	8	12	12	12	12	12	12
Voltage rating (V_{DC})	300							

Customer specials on request.

POWER Jumper - Insulation materials

Insulation	Polyester	Aramid fiber	PEN	Polyimide
Insulation resistance (Ω) (GRD-SIG-GRD)	>10 ¹⁰			
Operation temperature (°C)	-40 ... +105	-40 ... +125	-40 ... +125	-40 ... +125
Soldering temperature (°C/sec)	250/4	260/5	260/5	260/5

Customer specials on request.

