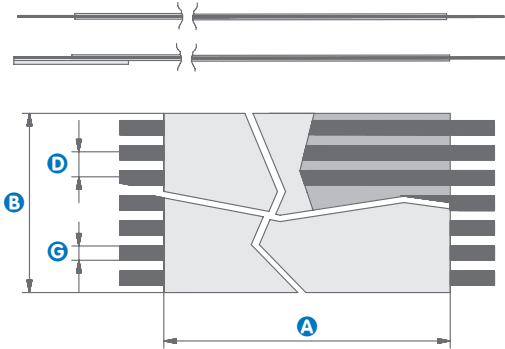


Hitaltech FLL connectors are highly flexible flat conductor connectors. Small pitches and minute dimensions allow connections in very small spaces.

CHARACTERISTICS

- Compatible with Hitaltech FIX with round solder pins
- Compatible with Hitaltech ZIF connections
- Special versions of insulation foil (punching of holes or trenches)
- Insulation material suitable for thermode soldering / hot bar soldering



BENEFITS

- Immediately ready for installation
- High vibration and bending resistance
- Suitable for SMT (e. g. thermode soldering / hot bar soldering)
- High-quality insulation materials (-40°C to +125°C)
- Minimum dimensions through thin foils and small pitches
- Standard contact zone 2.5 mm
- Short bridging lengths available

	Pitch e.g. A = 2,54 mm see pitch code	Insulation material e.g. P = Polyester N = Aramid fiber E = PEN K = Polyimide	Special Drawing required
FLL – A 05 – N 051 – 001			
	Number of pins	Insulation Length from 15-999 mm Special Length on request	

TECHNICAL DATA

Order code	I	U	E	G	B	D	F	A
D Pitch (mm)	0,50	0,80	1,00	1,25	1,27	2,00	2,50	2,54
Number of pins	6-50	4-30	4-30	2-30	2-30	2-16	2-16	2-16
A Length (mm)	12 - 999; SonderLengthn bis 5000							
B Total width (mm)	(number of pins +1) x pitch							
G Flat conductor width (mm)	0,3	0,5	0,7	0,8	0,7	1,35	1,5	1,5
Flat conductor thickness (µm)	100							
Conductor material	Cu-ETP (E-Cu) ; tin-plated µm min. 1,0							
Current rating at 20°C (A)	0,5	1,0	1,0	1,5	1,5	2,0	3,0	3,0
Voltage rating (V _{dc})	60	100	200	200	200	200	300	300

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.

