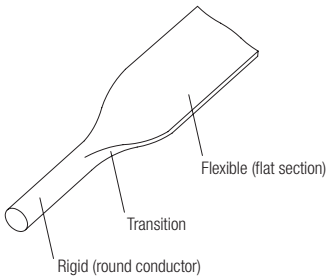
Flat Cables with round pins AXOSTRIP®

AXOSTRIP® is a flat cable with round pins which can be soldered or inserted to achieve board-to-board interconnections.

Main characteristics

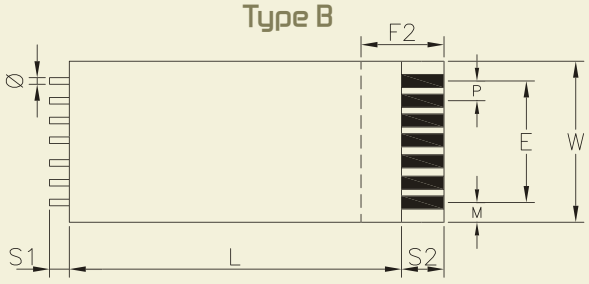
- Type B : Tin plated copper round conductors on one end with flat conductors on the other end,
- Type C : Tin plated copper round conductors on both ends,
- Straight on both sides,
- Pitch: 1.905 mm, 2.00 mm, 2.54 mm, 5.08 mm,
- Insulation: Polyester tape.



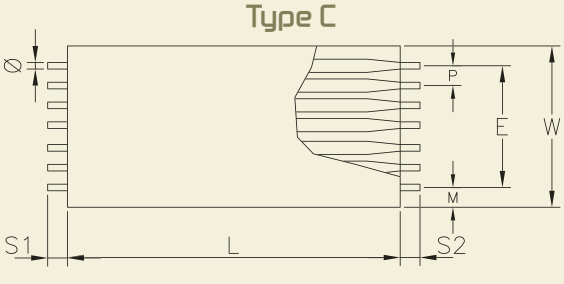
Product advantages

- High flexibility,
- High resistance to vibration and bending: reliable connection joint,
- Lower production costs: wave-soldered with the other components onto the PCB in the same operation,
- Lower purchasing costs since no connectors are required for type C,
- Type B is dismountable, only one connector is needed,
- High quality insulation materials (UL2639),
- Preparatory wire stripping and cutting to length is not required,
- ZIF interface if needed (when flat conductors on one end).

Type B



Type C



E = (N-1) x p
W = (N+1) x p
Where p = pitch
N = number of conductors

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Identification code

RFC 2.54 B 10 /100 H 3.5 - 3.5 0 10.0 S A B-

- **Type of reinforcement:** "-" without reinforcement; B: blue; R: red
- **MARKING A :** not marked UL
- **Conductor thickness** - Standard
- **Reinforcement length** in mm
  If no value specified F2=10.0
- **Strip length** in mm
  Type B if no value specified
  S1=3,5 ; S2=5
  Type C if no value specified
  S1=S2=3,5
- **Type of insulation tape**
  H: Polyester (temperature rating: 105°C)
- **Insulated length** (25 mm to 999 mm)
- **Number of conductors**
- **Type of end**
  B: round conductors on one end, flat conductors on the other end
  C: round conductors on both ends.
- **Pitch** in mm: 1.905/2.00/2.54/5.08
- **Round-to-flat Cable:** AXOSTRIP®

Pitch (mm) P	1.905	2.00	2.54	5.08
Max. number of conductors	38	37	28	13
Length (mm) L	25 mm to 999 mm			
Pin diameter (mm) ø	0.40	0.40	0.50	0.50
Standard wire gauge	26	26	24	24
Flat conductor width (mm)	1.30	1.30	1.50	1.50
Flat conductor thickness (mm)	0.10	0.10	0.12	0.12
Margin type B (mm) M	1.905*	2.00*	2.54*	5.08*
Margin type C (mm) M	0.95	1.0	1.27	2.54*
Max. current rating (A)	2	2	3	3
Max. voltage rating (VDC)	200	200	300	300

** Versions conform to UL 2639*
Other pitches are available on request