Thin Film Bus Wire

Data Sheet

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1. Size:

Copper core dimension

Width:	2.0 - 12.7mm +/- 0.08
Thickness:	≥0.035 mm +/- 0.008

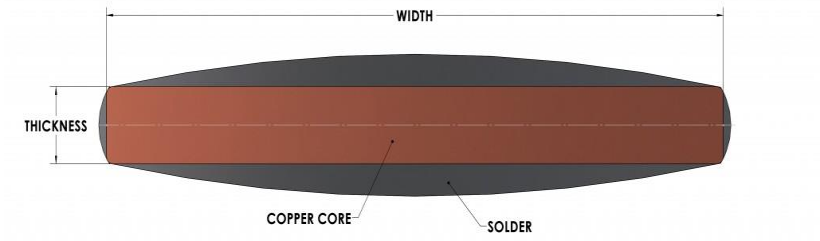
2. Chemical Composition Base Material:

Material	CDA 102 - ASTM B170
	CDA 110 - ASTM B5
	ETP1 - DIN EN 13602

3. Mechanical Properties:

Measurement method: The pull force is measured on the finished copper wire after annealing. The pull force is then divided by the total nominal cross section of the copper core only. Testing is done in accordance with SEMI PV RIBBON STANDARDS PV018-0811 and PV019-0811

Tensile Strength:	
Yield Strength:	According to Customer Specifications
Elongation:	

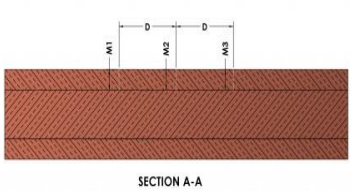


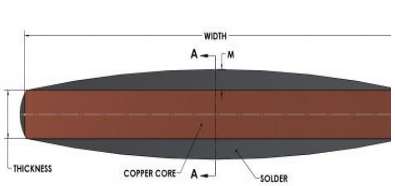
4. Coating:

Solder Coated Copper Wire - All sides coated

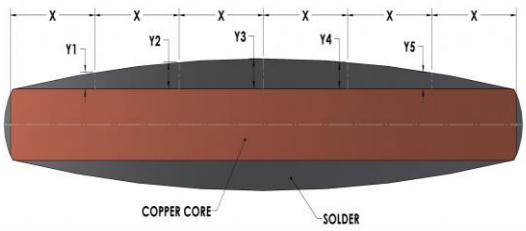
Leaded Solder Alloys	Sn62Pb36Ag2
	Sn60Pb40
Lead Free Solder Alloys	Sn100
	Sn96.5Ag3.5
	*Other solder alloys are available on request
Solder Coating Thickness	1-3 µm PEAK
	*According to Customer Specifications

Peak





Average



5. Straightness:

Measuring Method: Freely suspend ribbon sample weighted with 10g

Camber: According to Customer Specifications

6. Packing:
Pancake Coils on Cores or Cardboard Reels (see Packaging Brochure)

Please contact Solar@Ulbrich.com for further details and questions.