



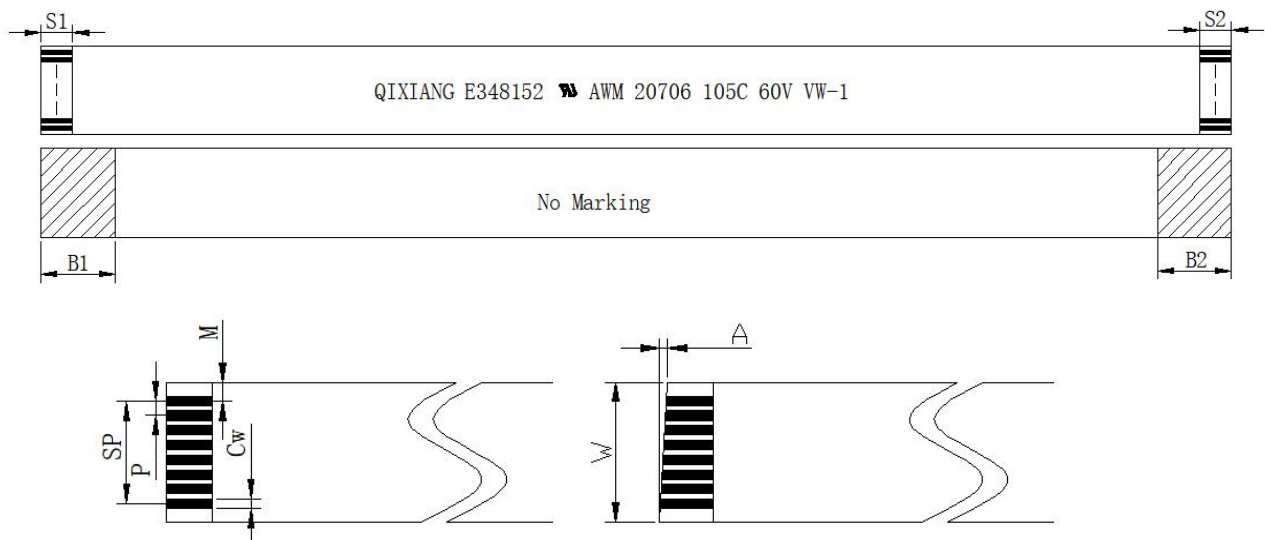
## Datasheet

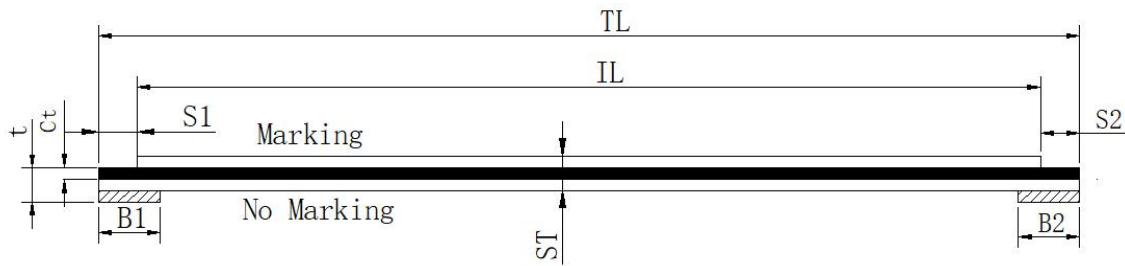
# RS PRO FFC 0.50mm Cable Type 1 20pin

## 100mm

Stock number: 179-2501

EN





## Applications

These specifications are applied to Internal wiring of Class 2 circuits in electronic equipment .

**Reference Standard:** UL 20706,Appliance Wiring Material UL 758

**Cable Marking:** QIXIANG E348152 UL AWM 20706 105C 60V VW-1

## Electrical Performance

Rated voltage : 60V AC

Rated current : 500mA

Operating temperature range : -20°C to +105°C.

Flammability Rating: VW-1

## Material Specification

Insulation Film: White,60um,105°C. Flame-retardant Polyester ROHS

Supporting Tape: Blue, T225um, Polyester LHF

Conductor coating: Tinned plated. Ct:0.05+/-0.01mm, Cw:0.3+/-0.03mm

## DIMENSION:

Number of Conductors	N	20		
Pitch	P	0.5mm	+/-	0.08mm
Total Length	TL	100mm	+/-	3.0mm
Insulation length	IL	92mm	+/-	3.0mm
Total Width	W	10.5mm	+/-	0.15mm
Total Pitch	SP	9.5mm	+/-	0.15mm
Margin Width	M	0.5mm	+/-	0.08mm
Terminal Thickness	t	0.30mm	+/-	0.05mm
Insulation Thickness	ST	0.15mm	+/-	0.05mm
Strip Length	S1	4.0mm	+/-	1.0mm
	S2	4.0mm	+/-	1.0mm
Supporting Tape Length	B1	8.0mm	+/-	2.0mm
	B2	8.0mm	+/-	2.0mm
Tolerance of Cutting tilt	A	<=0.5mm		