



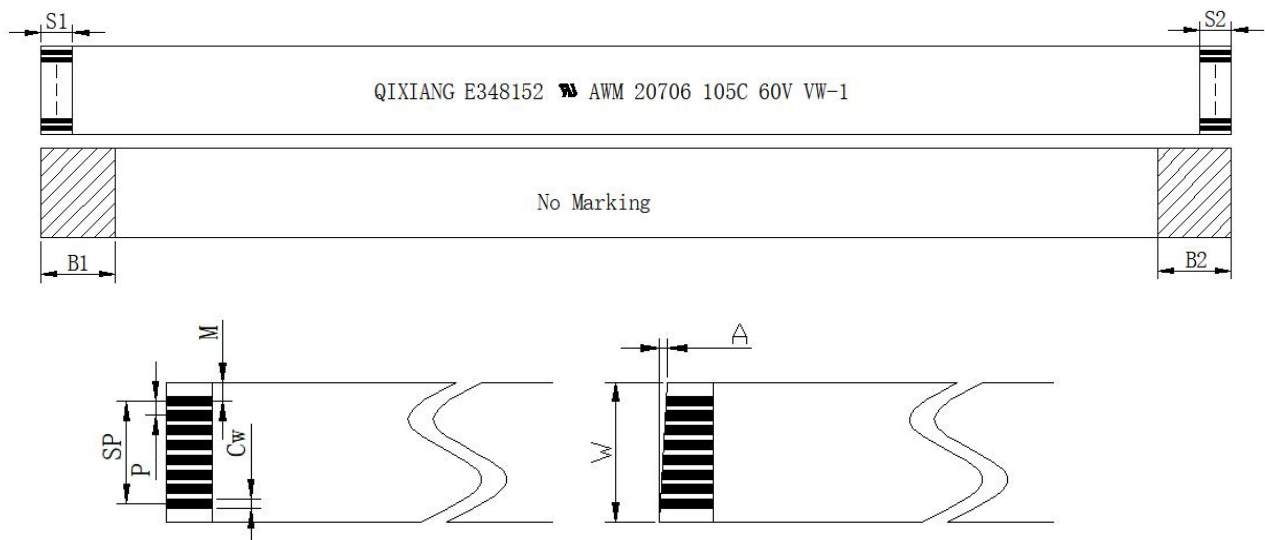
Datasheet

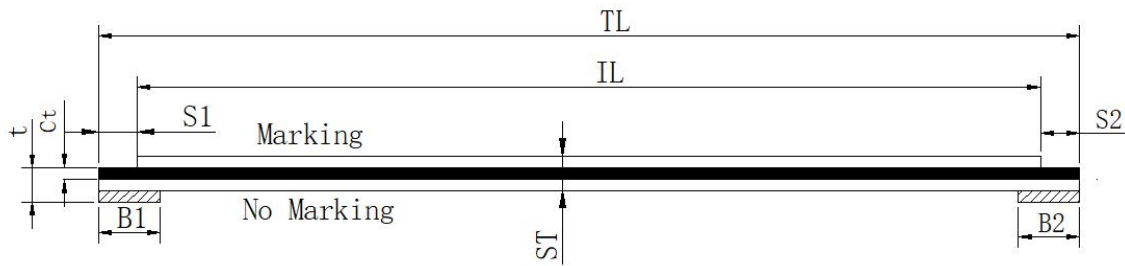
RS PRO FFC 0.50mm Cable Type 1 20pin

50mm

Stock number: 179-2503

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 | 50mm | +/- | 3.0mm |
| Insulation length | IL | 42mm | +/- | 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 | | |