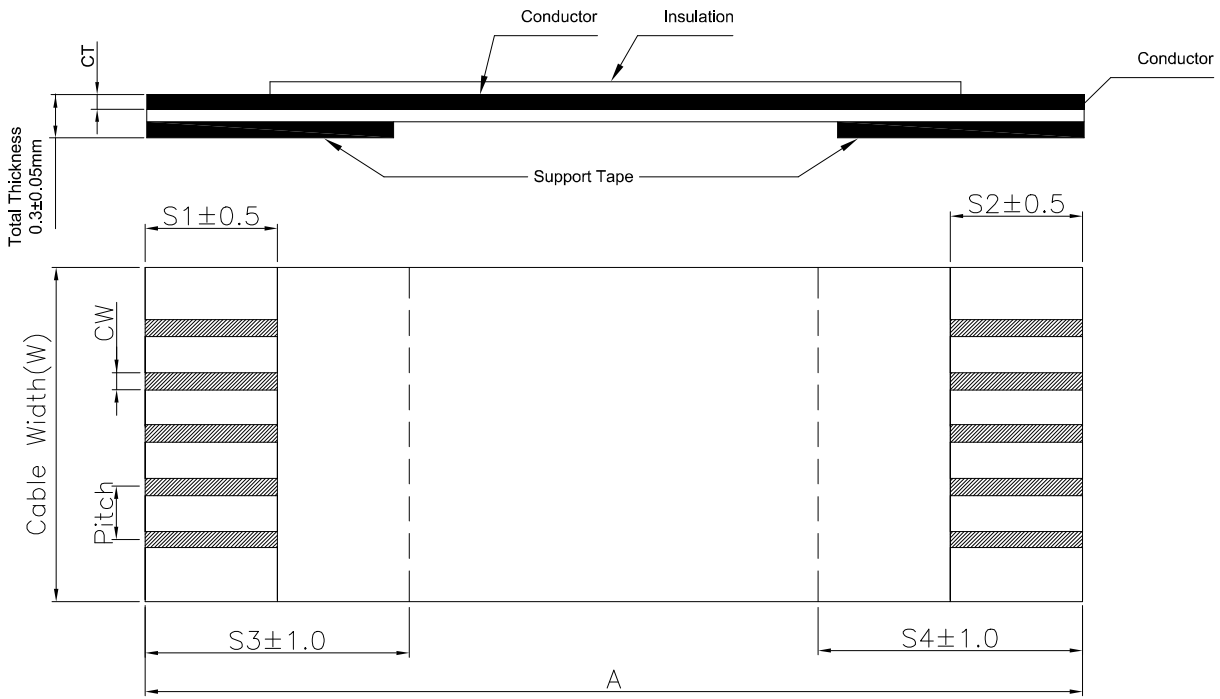
REV.	SPECIFICATION	ECN NO.	APPD.



Specification

1. **Material:**
   Conductor: Tinned Copper or Gold-plated Copper
   Insulation: Flame Retardant Polyester, Color: White
   Supporting Tape: Polyester, Color: Blue

2. **Electrical:**
   Voltage Rating: 60V
   Current Rating: 1A

3. **Mechanical & Environmental:**
   Operating Temperature: 105 °C
   Durability: 30 Cycles

4. **Printing: UL 20624 80°C 60V**
   UL 20706 105°C 60V

***RoHS Compliant**

Pitch	CT	CW
0.5	0.035	0.300
1.0	0.035	0.650
1.25	0.050	0.800
2.54	0.050	0.800

FC5 x -Cxx x x 4 4 8 8 X xxMM -x

- Series
  - 1: Pitch 0.5
  - 2: Pitch 1.0
  - 3: Pitch 1.25
  - 4: Pitch 2.54
- No.of Pin Count
  - 0.5 Pitch For 4~80P.
  - 1.0 Pitch For 4~80P.
  - 1.25 Pitch For 4~80P.
  - 2.54 Pitch For 3~80P.
- 1: UL 20624
  2: UL 20706
- A: A Type
  B: B Type
  C: C Type
  D: D Type
- S1: 4.0mm(2mm To 6mm Increment 1.0mm)
- S2: 4.0mm(2mm To 6mm Increment 1.0mm)
- S3: 8.0mm(3mm To 20mm Increment 1.0mm)
- S4: 8.0.mm(3mm To 20mm Increment 1.0mm)
- Total Length(25~1500mm)
- Blank:Tin Plated
  G:Gold Plated

TYPE
A
B
C
D

Cable Width (W)	
Pitch (mm)	**Total Cable Width (mm)**
0.50	**0.5 x (No. of Conductors+1) ± 0.08mm**
1.00	**1.0 x (No. of Conductors+1) ± 0.10mm**
1.25	**1.25 x (No. of Conductors+1) ± 0.12mm**
2.54	**2.54 x (No. of Conductors+1) ± 0.15mm**

Tolerances	Dwg. No.	FC5XF00002	Part No. FC5x-Cxxxx4488XxxMM-x
.x = ±0.20	Projection		
.xx = ±0.15	Unit mm	Scale 1:N	Title: Flexible Flat Cable
.xxx = ±0.10	Drawn By	Martin 05/15'25	①525A

OUPIIN ENTERPRISE CO., LTD.

SHEET	1/1	Ver.No.	A2