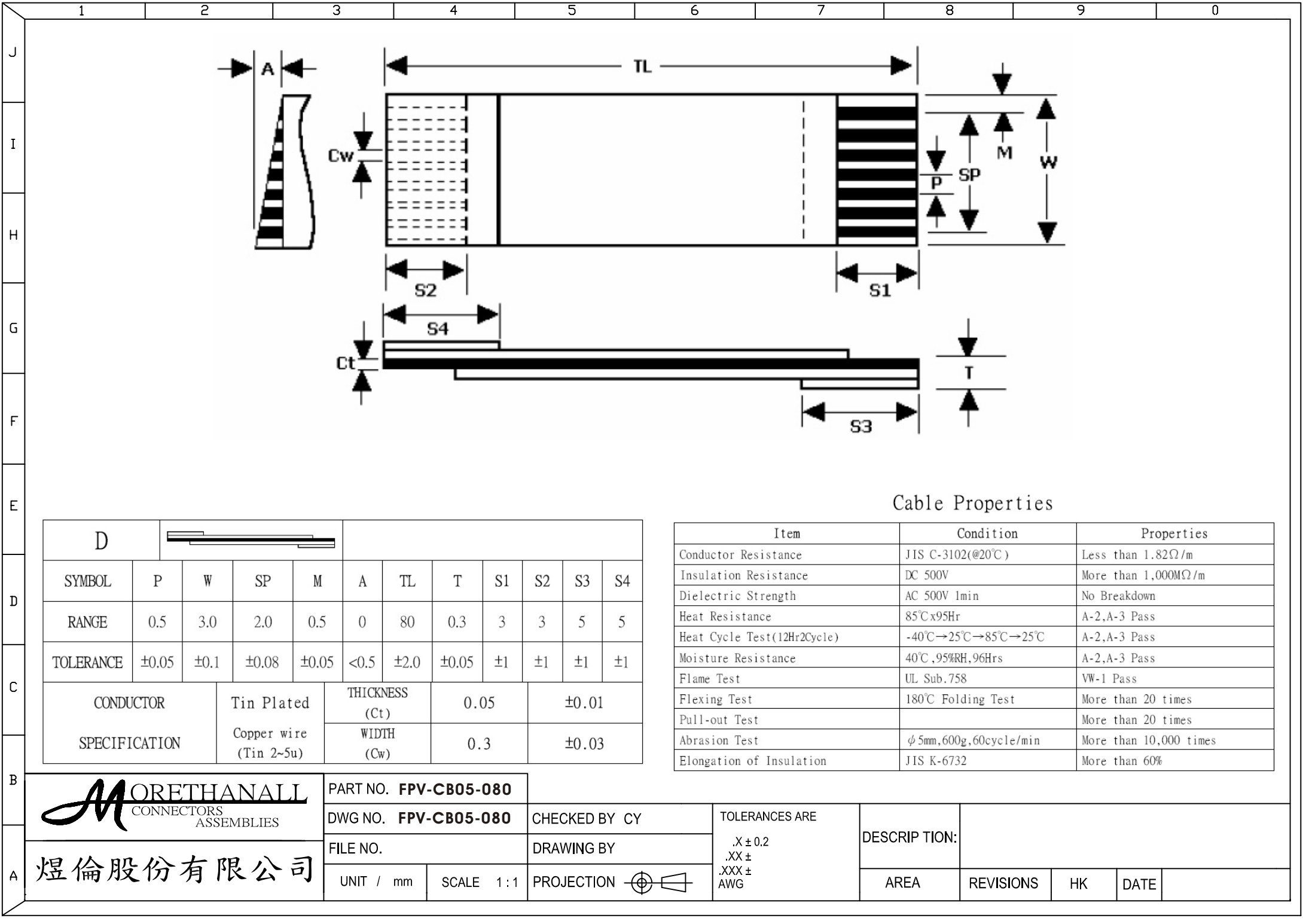




Cable Properties

|                         |       |                                   |       |                |      |      |       |       |    |    |    |
|-------------------------|-------|-----------------------------------|-------|----------------|------|------|-------|-------|----|----|----|
| D                       |       |                                   |       |                |      |      |       |       |    |    |    |
| SYMBOL                  | P     | W                                 | SP    | M              | A    | TL   | T     | S1    | S2 | S3 | S4 |
| RANGE                   | 0.5   | 3.0                               | 2.0   | 0.5            | 0    | 80   | 0.3   | 3     | 3  | 5  | 5  |
| TOLERANCE               | ±0.05 | ±0.1                              | ±0.08 | ±0.05          | <0.5 | ±2.0 | ±0.05 | ±1    | ±1 | ±1 | ±1 |
| CONDUCTOR SPECIFICATION |       | Tin Plated Copper wire (Tin 2~5u) |       | THICKNESS (Ct) |      | 0.05 |       | ±0.01 |    |    |    |
|                         |       |                                   |       | WIDTH (Cw)     |      | 0.3  |       | ±0.03 |    |    |    |

| Item                        | Condition             | Properties             |
|-----------------------------|-----------------------|------------------------|
| Conductor Resistance        | JIS C-3102(@20°C)     | Less than 1.82Ω/m      |
| Insulation Resistance       | DC 500V               | More than 1,000MΩ/m    |
| Dielectric Strength         | AC 500V 1min          | No Breakdown           |
| Heat Resistance             | 85°Cx95Hr             | A-2,A-3 Pass           |
| Heat Cycle Test(12Hr2Cycle) | -40°C→25°C→85°C→25°C  | A-2,A-3 Pass           |
| Moisture Resistance         | 40°C,95%RH,96Hrs      | A-2,A-3 Pass           |
| Flame Test                  | UL Sub.758            | VW-1 Pass              |
| Flexing Test                | 180°C Folding Test    | More than 20 times     |
| Pull-out Test               |                       | More than 20 times     |
| Abrasion Test               | φ5mm,600g,60cycle/min | More than 10,000 times |
| Elongation of Insulation    | JIS K-6732            | More than 60%          |

**MORETHANALL**  
CONNECTORS  
ASSEMBLIES

PART NO. **FPV-CB05-080**

DWG NO. **FPV-CB05-080**

CHECKED BY CY

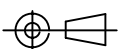
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UNIT / mm

SCALE 1:1

PROJECTION



TOLERANCES ARE

.X±0.2  
.XX±  
.XXX±  
AWG

DESCRIP TION:

AREA

REVISIONS

HK

DATE

煜倫股份有限公司