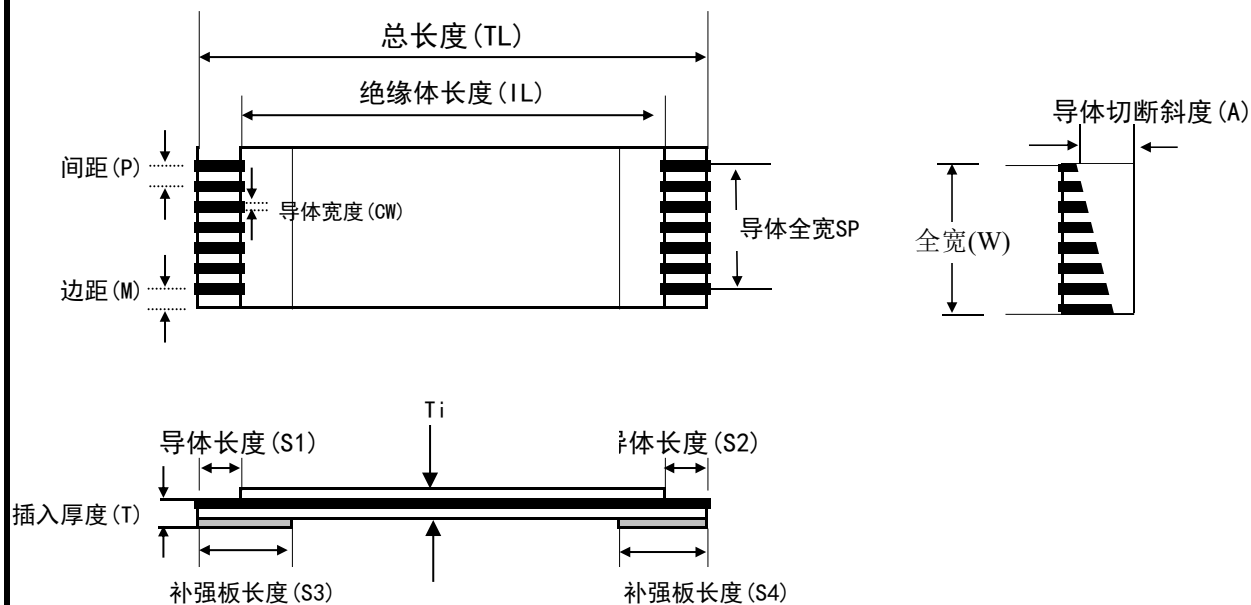




兆星精密电子（深圳）有限公司

UL STYLE NO. 20624, Non Deca (43μm) Film ,LFCu, Supporting Tape:0.225mm



| P    | T. L  | W              | SP   | M    | T     | Ti    | S1   | S2      | S3   | S4   | A  | NO. OF CONDUCTOR |
|------|-------|----------------|------|------|-------|-------|------|---------|------|------|----|------------------|
| 0.50 | 100.0 | ∞              | ∞    | ∞    | ∞     | ∞     | ∞    | ∞       | ∞    | ∞    | 1  | 8                |
| ±0.1 | ±2.0  | ±0.1           | ±0.1 | ±0.1 | ±0.05 | ±0.05 | ±1.0 | ±1.0    | ±2.0 | ±2.0 | 小于 |                  |
| 导体规格 |       | 扁平铜板           |      |      |       |       |      | 厚度 (CT) |      | 0.05 |    | ±0.005           |
|      |       | 镀锡皮厚度：1.0 μ 以上 |      |      |       |       |      | 宽度 (CW) |      | 0.3  |    | -0.03            |

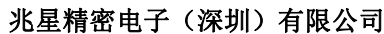
P × C × IL × Type S1/S2/S3/S4 × CW

间距 导体数 绝缘体长度 接触片类型 导体长度 补强板长度 导体厚度 导体宽度

[illegible]

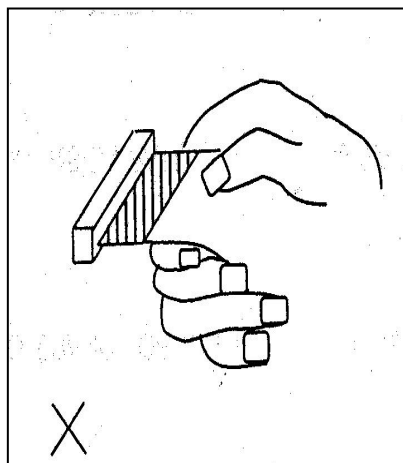
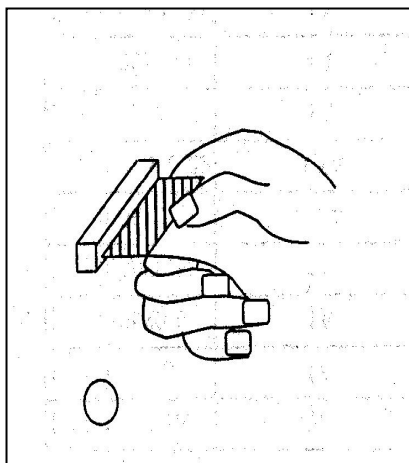
## MATERIAL SPECIFICATION

| PRODUCT                                       |                                                                                                    | FLEXIBLE FLAT CABLE                           |                              |                                     |                                |                                                               |
|-----------------------------------------------|----------------------------------------------------------------------------------------------------|-----------------------------------------------|------------------------------|-------------------------------------|--------------------------------|---------------------------------------------------------------|
| UL<br>STYLE NO.                               | VOLTAGE<br>RATING                                                                                  | OPERATING<br>TEMPERATURE                      | UL<br>FILE NO.               | MARKING                             |                                |                                                               |
| <input type="checkbox"/> AWM 2896             | 30V                                                                                                | 80℃                                           |                              | AWM 2896 80℃ VW-1                   |                                |                                                               |
| <input checked="" type="checkbox"/> AWM 20624 | 60V                                                                                                | 80℃                                           |                              | AWM 20624 80℃ VW-1                  |                                |                                                               |
| <input type="checkbox"/> AWM 20706            | 60V                                                                                                | 105℃                                          |                              | AWM 20706 105℃ VW-1                 |                                |                                                               |
| CONDUCTOR                                     | SIZE (Ct×Cw)                                                                                       | RATED CURRENT                                 | RESISTANCE                   | REMARKS                             |                                |                                                               |
|                                               | <input type="checkbox"/> 0.1X1.27                                                                  | 2A                                            | 0.17Ω/M                      | * TIN PLATED COPPER WIRE            |                                |                                                               |
|                                               | <input type="checkbox"/> 0.1X0.8                                                                   | 2A                                            | 0.27Ω/M                      | :99.994% PURE COPPER                |                                |                                                               |
|                                               | <input type="checkbox"/> 0.1X0.7                                                                   | 2A                                            | 0.33Ω/M                      | * TOLERANCE OF THICKNESS            |                                |                                                               |
|                                               | <input type="checkbox"/> 0.1X0.65                                                                  | 2A                                            | 0.35Ω/M                      | :±0.005                             |                                |                                                               |
|                                               | <input type="checkbox"/> 0.1X0.5                                                                   | 1A                                            | 0.42Ω/M                      | * TOLERANCE OF WIDTH                |                                |                                                               |
|                                               | <input type="checkbox"/> 0.1X0.3                                                                   | 1A                                            | 0.70Ω/M                      | :±0.03                              |                                |                                                               |
|                                               | <input type="checkbox"/> 0.05X0.8                                                                  | 1A                                            | 0.53Ω/M                      | * EXTENSION RATE                    |                                |                                                               |
|                                               | <input type="checkbox"/> 0.05X0.65                                                                 | 1A                                            | 0.63Ω/M                      | :OVER THAN 15%                      |                                |                                                               |
|                                               | <input type="checkbox"/> 0.05X0.6                                                                  | 1A                                            | 0.65Ω/M                      | * STRAIN STRENGTH                   |                                |                                                               |
|                                               | <input type="checkbox"/> 0.035X0.8                                                                 | 1A                                            | 0.83Ω/M                      | :OVER THAN 13Kgf/mm <sup>2</sup>    |                                |                                                               |
|                                               | <input type="checkbox"/> 0.035X0.7                                                                 | 1A                                            | 0.60Ω/M                      | * PLATING THICKNESS                 |                                |                                                               |
|                                               | <input type="checkbox"/> 0.035X0.6                                                                 | 1A                                            | 0.96Ω/M                      | :0.075 μ 以上                         |                                |                                                               |
|                                               | <input type="checkbox"/> 0.035X0.3                                                                 | 0.5A                                          | 1.80Ω/M                      |                                     |                                |                                                               |
|                                               | <input checked="" type="checkbox"/> 0.035X0.3                                                      | 0.5                                           | 1.89Ω/M                      |                                     |                                |                                                               |
|                                               | <input type="checkbox"/> 0.022X0.3                                                                 | 0.5A                                          | 3.18Ω/M                      |                                     |                                |                                                               |
|                                               | <input type="checkbox"/> 0.1X0.5 (P)                                                               | 0.5A                                          | 2.80Ω/M                      | * TIN PLATED PHOSPHORUS BRONZE WIRE |                                |                                                               |
| LEAD FREE <input checked="" type="checkbox"/> |                                                                                                    |                                               | GLD <input type="checkbox"/> |                                     |                                |                                                               |
| INSULATION<br>FILM                            | NO.                                                                                                | BASE FILM                                     | ADHESIVE                     | TOTAL<br>THICKNESS                  | REMARK                         | COLOR                                                         |
|                                               | <input type="checkbox"/> 1                                                                         | PET 25μm                                      | 35μm                         | 60μm                                | REGULAR                        | <input type="checkbox"/> WHITE <input type="checkbox"/> BLACK |
|                                               | <input checked="" type="checkbox"/> 2                                                              | PET 19μm                                      | 24μm                         | 43μm                                | SUPER FLEX                     | <input checked="" type="checkbox"/> WHITE                     |
|                                               | <input type="checkbox"/> 3                                                                         | PET 12μm                                      | 25μm                         | 37μm                                | ULTRA FLEX                     | <input type="checkbox"/> WHITE                                |
|                                               | DECA FREE <input type="checkbox"/>                                                                 |                                               |                              |                                     |                                |                                                               |
| SUPPORTING<br>TAPE                            | NO.                                                                                                | BASE FILM                                     | ADHESIVE                     | TOTAL<br>THICKNESS                  | COLOR                          |                                                               |
|                                               | <input type="checkbox"/> 1                                                                         | PET 125μm                                     | 35μm                         | 160μm                               | <input type="checkbox"/> WHITE | <input type="checkbox"/> BLUE                                 |
|                                               | <input checked="" type="checkbox"/> 2                                                              | PET 190μm                                     | 35μm                         | 225μm                               | <input type="checkbox"/> WHITE | <input checked="" type="checkbox"/> BLUE                      |
|                                               | <input type="checkbox"/> 3                                                                         | PET 215μm                                     | 35μm                         | 250μm                               | <input type="checkbox"/> WHITE | <input type="checkbox"/> BLUE                                 |
|                                               | <input type="checkbox"/> 4                                                                         | PET 250μm                                     | 35μm                         | 285μm                               | <input type="checkbox"/> WHITE | <input type="checkbox"/> BLUE                                 |
| EMI SHIELD                                    | ALUMINIUM FOIL [     μm]    COPPER FOIL [     μm]    FABRIC TAPE [     μm]    LAMINATION [     μm] |                                               |                              |                                     |                                |                                                               |
| DOUBLE<br>SIDE TAPE                           |                                                                                                    |                                               |                              |                                     |                                |                                                               |
| DIELECTRIC VOLTAGE WITHSTAND TEST             |                                                                                                    |                                               | AC 500V/10mA 1分钟             |                                     |                                |                                                               |
| INSULATION RESISTANCE TEST                    |                                                                                                    |                                               | DC 500V/100Ω/M               |                                     |                                |                                                               |
| AGING                                         |                                                                                                    |                                               | 85℃/96 HR                    |                                     |                                |                                                               |
| FLEXIBILITY                                   | GENERAL                                                                                            | 10,000 Min (R5×240/Min×40mm/Reciprocating)    |                              |                                     |                                |                                                               |
|                                               | FLEX                                                                                               | 100,000 Min (R5×240/Min×40mm/Reciprocating)   |                              |                                     |                                |                                                               |
|                                               | SUPER                                                                                              | 3,000,000 Min (R5×240/Min×40mm/Reciprocating) |                              |                                     |                                |                                                               |
|                                               | ULTRA                                                                                              | 6,000,000 Min (R5×240/Min×40mm/Reciprocating) |                              |                                     |                                |                                                               |
| FLAMMABILITY                                  |                                                                                                    | PASS UL VW-1                                  |                              |                                     |                                |                                                               |

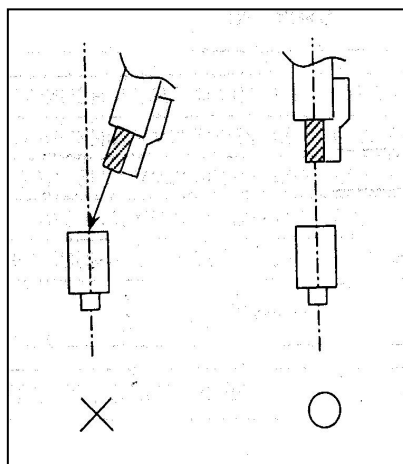
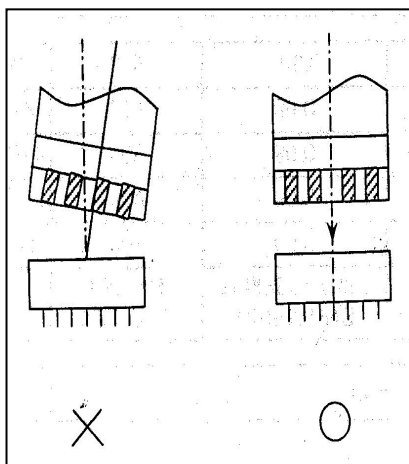


## Matters that demand special attention :

- \* When insert to connector, please insert straight correctly with Joiner's supporting-tape.



- \* When insert to connector, please avoid excessive force.



- \* After insert to connector, shall be not bend at supporting-tape excessive

