

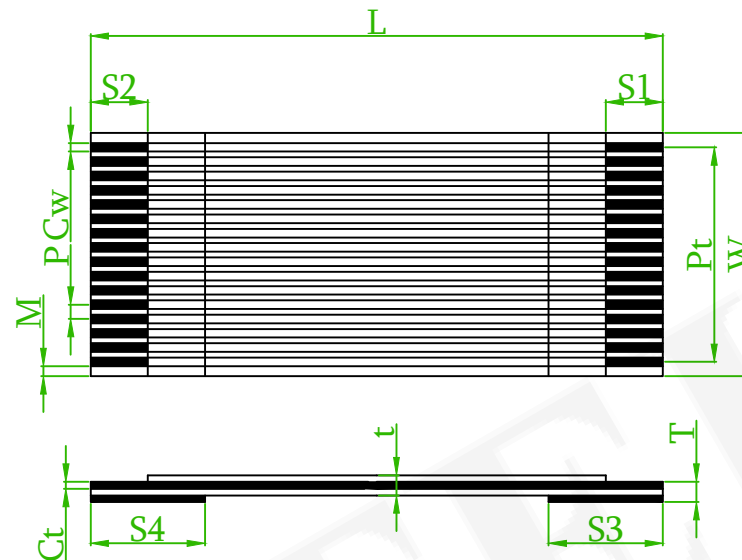
# ORDER INFORMATION

|                |   |   |                             |   |   |                               |   |   |                 |     |   |                       |   |       |   |
|----------------|---|---|-----------------------------|---|---|-------------------------------|---|---|-----------------|-----|---|-----------------------|---|-------|---|
| F              | X | X | X                           | X | - | X                             | X | X | (               | 4/4 | / | 8/8                   | ) | 20624 | X |
| Pitch          |   |   | No. of Contacts (See Table) |   |   | Strip Length(S1/S2) (3/4/5/6) |   |   | UL Standard     |     |   | Add. Option           |   |       |   |
| A=Pitch 1.0mm  |   |   |                             |   |   |                               |   |   | 2896            |     |   | Blank:W/O Add. Option |   |       |   |
| B=Pitch 1.25mm |   |   |                             |   |   |                               |   |   | -30°C~80°C,30V  |     |   | A:Al. Foil            |   |       |   |
| C=Pitch 0.5mm  |   |   |                             |   |   |                               |   |   | -30°C~80°C,60V  |     |   | B:Copper Foil         |   |       |   |
| D=Pitch 2.54mm |   |   |                             |   |   |                               |   |   | 20706           |     |   | C:Conductive Fabric   |   |       |   |
| E=Pitch 0.3mm  |   |   |                             |   |   |                               |   |   | -40°C~105°C,60V |     |   | D:Mylar               |   |       |   |
| F=Pitch 0.8mm  |   |   |                             |   |   |                               |   |   |                 |     |   | K:Kapton              |   |       |   |
| G=Pitch 1.27mm |   |   |                             |   |   |                               |   |   |                 |     |   |                       |   |       |   |
| H=Pitch 2.0mm  |   |   |                             |   |   |                               |   |   |                 |     |   |                       |   |       |   |

|                                              |                                                                     |
|----------------------------------------------|---------------------------------------------------------------------|
| ©F:Flexible<br>(For Pitch:0.3~1.27)          | Ct=0.05 t=0.14<br>Pitch 0.3mm t=0.20                                |
| S:Super Flexible<br>(For Pitch:0.5/1.0/1.25) | Ct=0.05 t=0.20 (2643)<br>Ct=0.035 t=0.12<br>Ct=0.035 t=0.195 (2643) |
| L:Low Flexible<br>(Ct=0.1)                   | t=0.22 (20706)<br>t=0.22 (2896)<br>t=0.22 (20624)<br>t=0.26 (2643)  |

©:Standard Recommend

| Type |  |   |  |
|------|--|---|--|
| A    |  | C |  |
| B    |  | D |  |



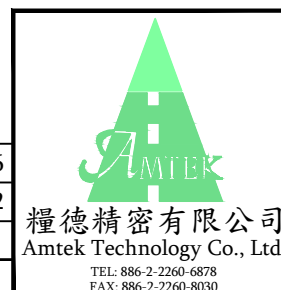
## SPECIFICATION

| Description         | Abbr. | Formulation  | Tolerance                            |       |       |       |        |        |        |        |
|---------------------|-------|--------------|--------------------------------------|-------|-------|-------|--------|--------|--------|--------|
|                     |       |              | P=0.3                                | P=0.5 | P=0.8 | P=1.0 | P=1.25 | P=1.27 | P=2.00 | P=2.54 |
| Pitch               | P     | Typical      | ±0.05                                | ±0.05 | ±0.08 | ±0.08 | ±0.10  | ±0.10  | ±0.10  | ±0.10  |
| No. of Contacts     |       |              | 21~100                               | 06~90 | 05~80 | 04~70 | 04~70  | 04~70  | 04~35  | 04~33  |
| Total Pitch         | Pt    | Px(n-1)      | ±0.05                                | ±0.05 | ±0.08 | ±0.08 | ±0.12  | ±0.12  | ±0.12  | ±0.12  |
| Width               | W     | Px(n+1)      | ±0.12                                | ±0.12 | ±0.15 | ±0.15 | ±0.20  | ±0.20  | ±0.20  | ±0.20  |
| Margin              | M     | P-(Cw x 1/2) | ±0.08                                | ±0.08 | ±0.13 | ±0.13 | ±0.18  | ±0.18  | ±0.18  | ±0.18  |
| Conduct Width       | Cw    | Typical      | 0.2                                  | 0.3   | 0.5   | 0.65  | 0.8    | 0.8    | 0.8    | 1.27   |
| Conduct Thickness   | Ct    | Typical      | 0.035 / 0.05 / 0.1                   |       |       |       |        |        |        |        |
| Total(Cable) Length | L     | Typical      | Over 30mm                            |       |       |       |        |        |        |        |
| Strip Length        | S1/S2 | Typical      | 3/4/5/6                              |       |       |       |        |        |        |        |
| Support Tape Length | S3/S4 | Typical      | 6/8/10/12/15 ±2mm                    |       |       |       |        |        |        |        |
| Terminal Thickness  | T     | Typical      | 0.2/0.3±0.05mm (Standard:0.3±0.05mm) |       |       |       |        |        |        |        |

### NOTE

- (1)S3/S4 have to be longer than S1/S2
- (2)UL 2643 only for low flexible products
- (3)For Pitch:0.3mm,the recommended terminal thickness is 0.2mm.
- (4)Terminal thickness 0.2mm option is only for Flexible and Super Flexible.

- △ (5)Tolerance:
- L 100: ±2
  - L=101~200: ±3
  - L=201~400: ±4
  - L=401~1000: ±8



| 品名<br>TITLE          | Flexible Flat Cable   |             |            |                | 頁數<br>Page                   | 1/1            |
|----------------------|-----------------------|-------------|------------|----------------|------------------------------|----------------|
| 品號<br>PART NO.       | △ 61FF1-XXXXX         |             |            |                | 繪圖<br>DRAWN                  | Roy 2017/05/11 |
| 圖號<br>DRAWING NO.    | GN004-RL741           | 版本<br>REV.  | E          | 核對<br>CHECKED  | Josh 2019/03/08              |                |
| 客戶品號<br>CUSTOMER P/N |                       | 比例<br>SCALE | None       | 承認<br>APPROVED | Josh 2019/03/08              |                |
| 公差<br>TOLERANCE      | .X ±0.20<br>.XX ±0.10 | ±2°         | 單位<br>UNIT | mm             | THIRD<br>ANGLE<br>PROJECTION | ☉ ↗            |

| △x1  | ECN NO.:220315 Revise the drawing | Alice   | 2022/04/06 |
|------|-----------------------------------|---------|------------|
| △x2  | ECN NO.:210921 Revise the drawing | Alice   | 2021/10/22 |
| △x1  | Add the temperature range         |         |            |
| REV. | ECN NO. OR DESCRIPTION            | REVISED | DATE       |