

Technical drawing of the USB cable assembly showing dimensions and components:

- Dimensions:**
  - Overall length:  $L$
  - Distance from USB A M connector to the start of the braided shield:  $49.8 \pm 0.5$
  - Distance from the end of the braided shield to the USB A F connector:  $51.3 \pm 0.5$
  - Distance from the USB A M connector face to the start of the braided shield:  $12 \pm 0.2$
- Components and Labels:**
  - USB A M:** Male USB A connector on the left.
  - USB A F:** Female USB A connector on the right.
  - P1:** Pin 1 and Pin 4 of the USB A M connector.
  - P2:** Pin 1 and Pin 4 of the USB A F connector.
  - ①:** USB A M connector housing.
  - ②:** USB A F connector housing.
  - ③:** Braided shield section.
  - ④:** USB A M connector plug.
  - ⑤:** USB A F connector socket.

|     |                                                                                                                         |        |          |
|-----|-------------------------------------------------------------------------------------------------------------------------|--------|----------|
| 5   | BLACK HEAT SHRINK TUBE Ø1.0*10mm                                                                                        | 1      | M519     |
|     | MOLDED PVC TRNSPARENT(T501)                                                                                             |        | M304     |
| 4   | MOLDED PVC TRNSPARENT(T501)                                                                                             |        | M304     |
| 3   | USB CABLE, UL STYLE 1 TWISTED PAIR 28AWG AND 2C 24AWG OD 4.5mm, JACKET TRNSPARENT(T501), DRAWING No. EUAB2801P2402C-005 | L-20mm | M304     |
| 2   | USB A FEMALE, GOLD FLASH ON CONTACTS, WHITE INSULATOR                                                                   | 1set   | M108     |
| 1   | USB A MALE, GOLD FLASH ON CONTACTS&NICKEL PLATED 100U" ON CONNECTOR, WHITE INSULATOR, SHORT TYPE                        | 1set   | M108     |
| No. | DESCRIPTION                                                                                                             | Q'TY   | Supplier |

|        |       |        |       |     |
|--------|-------|--------|-------|-----|
| P1     |       | P2     |       |     |
| 1      | ————— | 1      | RED   | 24# |
| 2      | ————— | 2      | WHITE |     |
| 3      | ————— | 3      | GREEN |     |
| 4      | ————— | 4      | BLACK | 24# |
| SHIELD | ————— | SHIELD |       |     |

|                                                   |       |
|---------------------------------------------------|-------|
| Cable Length<br>Unless Other Spec.<br>Tolerances: |       |
| 0 ~200mm                                          | ±10mm |
| 201~1000mm                                        | ±20mm |
| 1001 ~1500mm                                      | ±25mm |
| 1501~2100mm                                       | ±30mm |
| 2100mm↑                                           | ±40mm |



|                                     |                                      |                      |              |                    |
|-------------------------------------|--------------------------------------|----------------------|--------------|--------------------|
| MATERIAL                            | <b>GOLDSUN ELECTRONICS CO., LTD.</b> |                      |              |                    |
|                                     |                                      |                      |              |                    |
|                                     | JAMECO NO.                           | GOLDSUN NO.          |              |                    |
|                                     | <b>229649</b>                        | <b>GUB-342-CLEAR</b> |              |                    |
| DRAWN: Kiki Chen                    | Description                          |                      |              | Rev.               |
| VERIFY PEOPLE: Wendy Chen, Fanny Du | USB-A MALE TO USB-A FEMALE           |                      |              | 1                  |
|                                     | UNIT:<br>mm                          | SCALE:               | SHEET 1 OF 1 | CAS No:<br>ERN No: |

|                |
|----------------|
| DCC. NO.       |
| A4 DRAWING NO. |