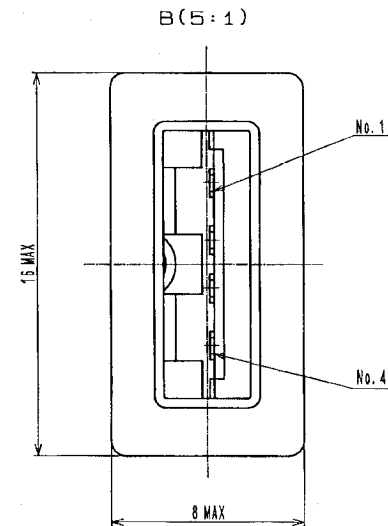


1 TABLE 1 WIRING DIAGRAM

| CN1 CONTACT No. | 1   | 2     | 3     | 4          | 5     | SHELL                     |
|-----------------|-----|-------|-------|------------|-------|---------------------------|
| SIGNAL          | Vcc | DATA- | DATA+ | NON WIRING | GND   | BRAIDED WIRE + DRAIN WIRE |
| WIRING COLOR    | RED | WHITE | GREEN | NON WIRING | BLACK |                           |
| CN2 CONTACT No. | 1   | 2     | 3     |            | 4     | SHELL                     |



NOTE 1 REFER TO TABLE-1 FOR WIRING OF CN1 AND CN2.  
 2 THIS PRODUCT IS USING THE CABLE MADE FORM LTX INTERNATIONAL LIMITED, AND QU-USB-156D.

| 3        | CONNECTOR | ZX40-SLDB          | 6       | INTERFACE CABLE | BLACK 2                  |             |         |                     |  |
|----------|-----------|--------------------|---------|-----------------|--------------------------|-------------|---------|---------------------|--|
| 2        | CONNECTOR | ZX40-B-SLDA        | 5       | CONNECTOR       | USB-A TYPE, BLACK        |             |         |                     |  |
| 1        | CONNECTOR | ZX40-B-5S-UNIT(12) | 4       | PVC             | BLACK                    |             |         |                     |  |
| NO.      | MATERIAL  | FINISH             | REMARKS | NO.             | MATERIAL                 | FINISH      | REMARKS |                     |  |
| UNITS    | mm        | SCALE              | 1:1     | COUNT           | DESCRIPTION OF REVISIONS | DESIGNED    | CHECKED | DATE                |  |
| APPROVED |           | .KN. ICHIKAWA      |         | 09.03.30        |                          | DRAWING NO. |         | EDC3-126987-00      |  |
| CHECKED  |           | .KN. ICHIKAWA      |         | 09.03.30        |                          | PART NO.    |         | ZX40-B-5S-1500-STDA |  |
| DESIGNED |           | .MO. SHIMOYAMA     |         | 09.03.27        |                          | CODE NO.    |         | CL242-1007-3-00     |  |
| DRAWN    |           | .MO. SHIMOYAMA     |         | 09.03.27        |                          |             |         |                     |  |

|                             |                |                           |  |   |           |
|-----------------------------|----------------|---------------------------|--|---|-----------|
| <b>APPLICABLE STANDARD</b>  |                |                           | USB2.0 SPECIFICATION AND MICRO-USB CABLE AND CONNECTORS SPECIFICATION. |   |           |
| OPERATING TEMPERATURE RANGE | -30°C TO +80°C | STORAGE TEMPERATURE RANGE | -30°C TO +60°C   |   |           |
|                             | VOLTAGE        | AC 30V                    | CURRENT  | SIGNAL ONLY   | 1.0 A/pin |
| RATING                      |                |                           | POWER APPLY  | 1.8 A/pin (PIN No.1, No.5)<br>0.5 A/pin (PIN No.2-No.4) |           |

### SPECIFICATIONS

|      |             |              |    |    |
|------|-------------|--------------|----|----|
| ITEM | TEST METHOD | REQUIREMENTS | QT | AT |
|------|-------------|--------------|----|----|

#### CONSTRUCTION

|                     |                                       |                       |   |   |
|---------------------|---------------------------------------|-----------------------|---|---|
| GENERAL EXAMINATION | VISUALLY AND BY MEASURING INSTRUMENT. | ACCORDING TO DRAWING. | X | X |
| MARKING             | CONFIRMED VISUALLY.                   |                       | X | X |

#### ELECTRICAL CHARACTERISTICS

|                    |                     |   |   |   |
|--------------------|---------------------|---|---|---|
| VOLTAGE PROOF      | 100 V AC FOR 1 min. | NO FLASHOVER OR BREAKDOWN.                                    | X | X |
| CONTACT RESISTANCE | 100 mA DC.          | CONTACT No.1,5:340 mΩ MAX.<br>CONTACT No.2,3:470 mΩ MAX.<br>Δ | X | X |

| COUNT   | DESCRIPTION OF REVISIONS | DESIGNED      | CHECKED      | DATE           |
|---|--------------------------|---------------|--------------|----------------|
| 1   | DIS-E-002936             | MO. SHIMOYAMA | KN. ICHIKAWA | 09. 09. 15     |
| <b>REMARK</b>   |                          |               |              |                |
| A connector independent performance is based on CL242-0002-4.   |                          |               |              |                |
| HIROSE will not guarantee the performance on these specifications in case this product will be mated with the others which is not HIROSE'S. |                          |               |              |                |
| Unless otherwise specified, refer to USB2.0 or E/A 364 .  |                          |               |              |                |
| Note Q T:Qualification Test AT:Assurance Test X:Applicable Test   |                          | DRAWING NO.   |              | ELC4-126987-00 |

|            |  |                            |  |                              |  |
|------------|--|----------------------------|--|------------------------------|--|
| <b>HRS</b> |  | <b>SPECIFICATION SHEET</b> |  | PART NO. ZX40-B-5S-1500-STDA |  |
|            |  | HIROSE ELECTRIC CO., LTD.  |  | CODE NO. CL242-1007-3-00     |  |
|            |  |                            |  | Δ 1/1                        |  |

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