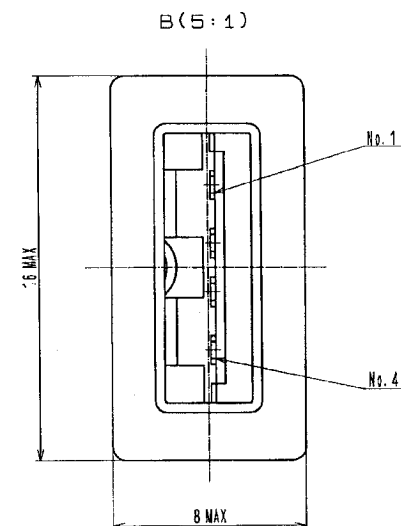


TABLE 1 WIRING DIAGRAM

| CN1 CONTACT No. | 1   | 2     | 3     | 4          | 5     | SHELL                    |
|-----------------|-----|-------|-------|------------|-------|--------------------------|
| SIGNAL          | Vcc | DATA- | DATA+ | NON WIRING | GND   | BRATED 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 LTK INTERNATIONAL LIMITED, AND Q-USB-156D.

|                                         |           |                                  |   |                 |                   |                          |  |             |  |                     |  |      |  |
|-----------------------------------------|-----------|----------------------------------|---|-----------------|-------------------|--------------------------|--|-------------|--|---------------------|--|------|--|
| 3                                       | CONNECTOR | ZX40-SLDB                        | 6 | INTERFACE CABLE | BLACK             |                          |  |             |  |                     |  |      |  |
| 2                                       | CONNECTOR | ZX40-B-SLDA                      | 5 | CONNECTOR       | USB-A TYPE. BLACK |                          |  |             |  |                     |  |      |  |
| 1                                       | CONNECTOR | ZX40-B-5S-UNIT(12)               | 4 | PYC             | BLACK             |                          |  |             |  |                     |  |      |  |
| NO.                                     | MATERIAL  | FINISH , REMARKS                 |   | NO.             | MATERIAL          | FINISH , REMARKS         |  |             |  |                     |  |      |  |
| UNITS                                   |           | SCALE                            |   | COUNT           |                   | DESCRIPTION OF REVISIONS |  | DESIGNED    |  | CHECKED             |  | DATE |  |
| mm                                      |           | 1 : 1                            |   | △               |                   |                          |  |             |  |                     |  |      |  |
| <b>HRS</b><br>HIROSE ELECTRIC CO., LTD. |           | APPROVED .KN. ICHIKAWA 09.03.30  |   |                 |                   |                          |  | DRAWING NO. |  | EDC3-126986-00      |  |      |  |
|                                         |           | CHECKED .KN. ICHIKAWA 09.03.30   |   |                 |                   |                          |  | PART NO.    |  | ZX40-B-5S-500-STD A |  |      |  |
|                                         |           | DESIGNED .MO. SHIMOYAMA 09.03.27 |   |                 |                   |                          |  | CODE NO.    |  | CL242-1006-0-00     |  |      |  |
|                                         |           | DRAWN .MO. SHIMOYAMA 09.03.27    |   |                 |                   |                          |  | DATE        |  | △ 1                 |  |      |  |

| APPLICABLE STANDARD                                                                                                                         |                                       | USB2.0 SPECIFICATION AND MICRO-USB CABLE AND CONNECTORS SPECIFICATION. |                            |                       |                                                         |
|---------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------|------------------------------------------------------------------------|----------------------------|-----------------------|---------------------------------------------------------|
| RATING                                                                                                                                      | 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                                               |
|                                                                                                                                             |                                       |                                                                        |                            | 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               |                       |                                                         |
| CONSTRUCTION                                                                                                                                |                                       |                                                                        |                            |                       |                                                         |
| GENERAL EXAMINATION                                                                                                                         | VISUALLY AND BY MEASURING INSTRUMENT. |                                                                        | ACCORDING TO DRAWING.      |                       |                                                         |
| MARKING                                                                                                                                     | CONFIRMED VISUALLY.                   |                                                                        |                            |                       |                                                         |
| ELECTRICAL CHARACTERISTICS                                                                                                                  |                                       |                                                                        |                            |                       |                                                         |
| VOLTAGE PROOF                                                                                                                               | 100 V AC FOR 1 min.                   |                                                                        | NO FLASHOVER OR BREAKDOWN. |                       |                                                         |
| CONTACT RESISTANCE                                                                                                                          | 100 mA DC.                            |                                                                        | 230 mΩ MAX. Δ              |                       |                                                         |
|                                                                                                                                             |                                       |                                                                        |                            |                       |                                                         |
| COUNT                                                                                                                                       | DESCRIPTION OF REVISIONS              | DESIGNED                                                               | CHECKED                    | DATE                  |                                                         |
| Δ 1                                                                                                                                         | DIS-E-002936                          | MO. SHIMOYAMA                                                          | KN. ICHIKAWA               | 09. 09. 15            |                                                         |
| REMARK                                                                                                                                      |                                       |                                                                        |                            |                       |                                                         |
| 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 EIA 364 .                                                                                    |                                       |                                                                        |                            |                       |                                                         |
| Note QT:Qualification Test AT:Assurance Test X:Applicable Test                                                                              |                                       | DRAWING NO.                                                            |                            | ELC4-126986-00        |                                                         |
| SPECIFICATION SHEET                                                                                                                         |                                       | PART NO.                                                               |                            | ZX40-B-5S-500-STDA    |                                                         |
| HIROSE ELECTRIC CO., LTD.                                                                                                                   |                                       | CODE NO.                                                               |                            | CL242-1006-0-00 Δ 1/1 |                                                         |