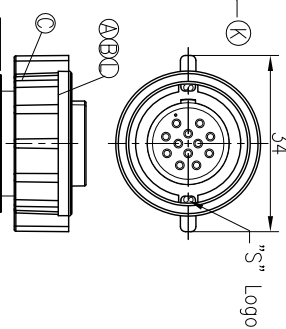
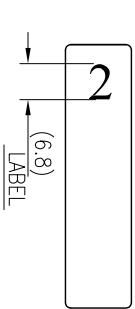
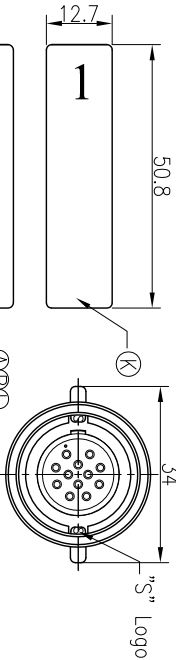
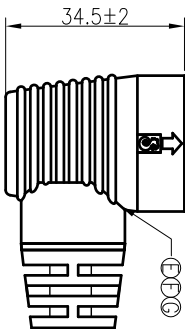


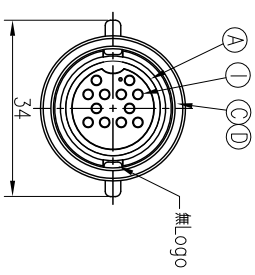
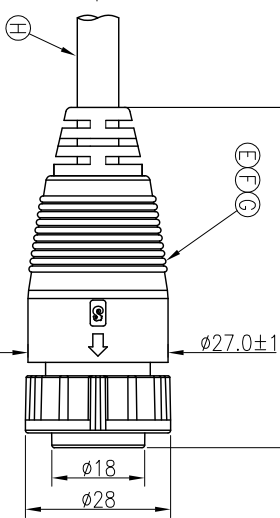
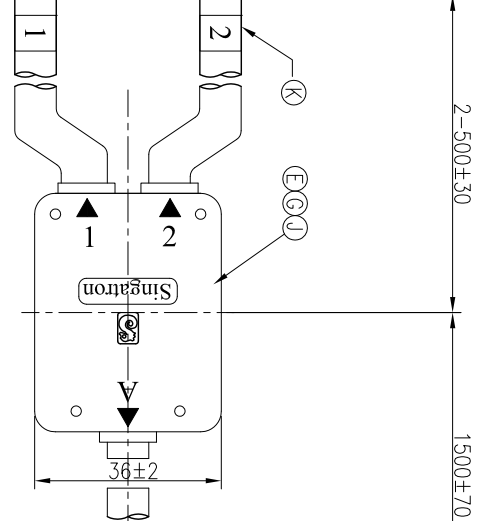
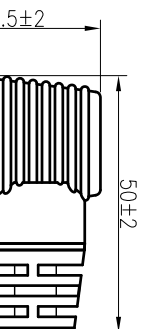
| REV. | ECN NO            | OR DESCRIPTION | REVISED    | DATE |
|------|-------------------|----------------|------------|------|
| A    | PDR NO:S100525-1A | Horlen         | 2010.05.13 |      |



CONN.3



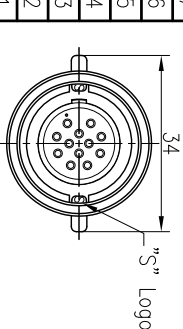
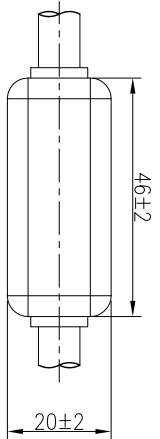
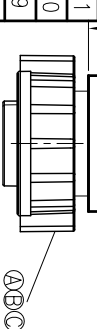
CONN.2/3 最大落差50mmMAX.



CONN.1

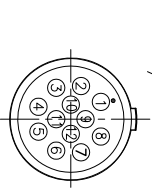
CONN.2

|            |        |        |        |    |
|------------|--------|--------|--------|----|
| LightGreen | 12     | 12     | 12     | 12 |
| Black      | 11     | 11     | 11     | 11 |
| Pink       | 10     | 10     | 10     | 10 |
| White      | 9      | 9      | 9      | 9  |
| Gray       | 8      | 8      | 8      | 8  |
| Purple     | 7      | /      | 1      | 7  |
| Blue       | 6      | 6      | 6      | 6  |
| Green      | 5      | 5      | 5      | 5  |
| Yellow     | 4      | 4      | 4      | 4  |
| Orange     | 3      | 3      | 3      | 3  |
| Red        | 2      | 2      | 2      | 2  |
| Brown      | 1      | 1      | /      | 1  |
| Wire Color | Conn.1 | Conn.2 | Conn.3 | P  |

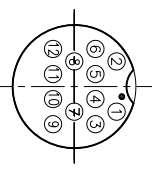


Pin Out

CONN.2/3



CONN.1



NOTES:

1. WATERPROOF RATE: IP66
2. CURRENT RATING: 5A
3. SPECIFICATIONS:SEE "CIRCULAR SERIES SPECIFICATIONS".
4. TO CONFORM TO SINGATRON HAZARDOUS SUBSTANCE FREE SPEC.
5. GREEN PRODUCT IDENTIFICATION LABEL ON PACKAGING: **6P PASS**

|    |             |     |                      |           |                                        |
|----|-------------|-----|----------------------|-----------|----------------------------------------|
| L  | GASKET      | 2   | SILICONE             | SHORE 70° | RED                                    |
| K  | LABEL       | 2   | PET L50.8 W12.7      |           | WHITE                                  |
| J  | PCB         | 1   | FR-4                 |           | GREEN                                  |
| I  | MALE PIN    | 12  | HB159-1.5B           |           | 1~3u" GOLD PLATING OVER NICKEL PLATING |
| H  | CABLE       | 3   | UL2464 22#*12C+AL UV |           | BLACK(PVC JACKET)                      |
| G  | INNER MOLD  | 4   | TPU                  |           | NATURAL                                |
| F  | MIDDLE MOLD | 3   | TPU                  |           | NATURAL                                |
| E  | OVER MOLD   | 4   | PVC                  |           | BLACK                                  |
| D  | O-RING      | 1   | EPDM                 |           | BLACK                                  |
| C  | LOCK NUT    | 3   | NYLON+GF             |           | BLACK                                  |
| B  | FEMALE PIN  | 24  | Phosphor Bronze      |           | 6u" GOLD PLATING OVER NICKEL PLATING   |
| A  | BODY        | 3   | NYLON+GF             |           | BLACK                                  |
| NO | DESCRIPTION | QTY | MATERIAL             |           | PLATING & COLOR                        |

Singatron Enterprise Co., Ltd.  
信音企業股份有限公司

CIRCULAR LARGE SIZE (IP67)  
FEMALE CONN. 12 PIN(SA) LOCK TYPE

DECIMALS: ANGLES: X :±0.5 X :±2° X.X :±0.3 X.X :±1° X.XX :±0.2

APVD Max 20100720 SIZE: A3 SHEET:1 OF 1 REV:A

CUSTOMER COPY