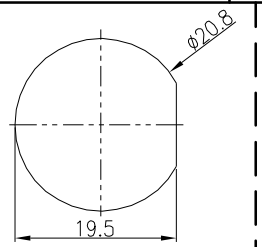
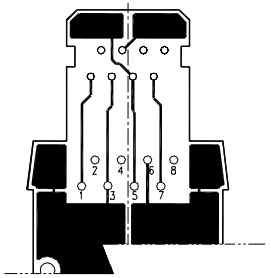
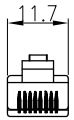
| REV. | ECN NO OR DESCRIPTION | REVISED | DATE |
|---|---|---|---|
| A | PDR NO.:S170413-7A | Vicky | 2017.05.25 |
| B | ECN NO.:A181207-C | Vicky | 2018.12.07 |
| C | ECN NO.:S202309-E06 | Elrod | 2023.10.30 |



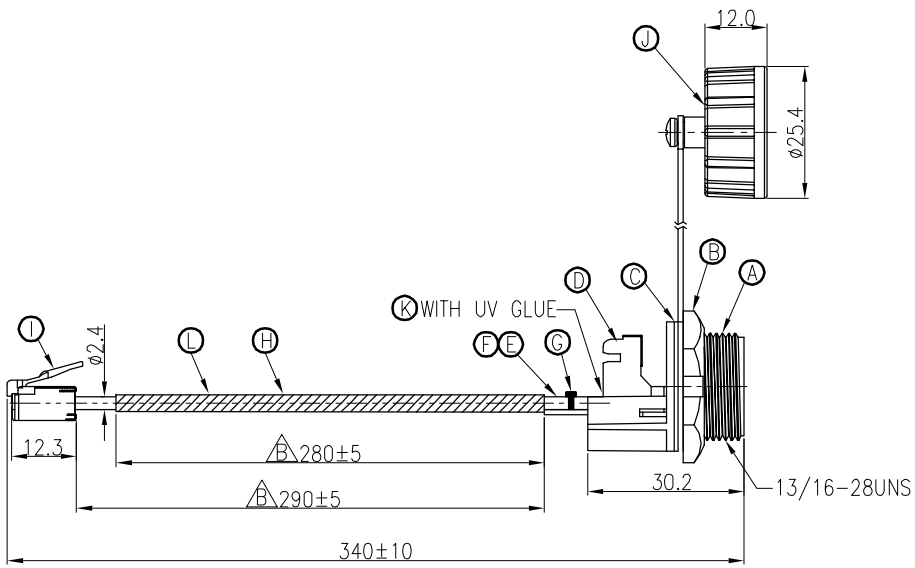

RECOMMENDED PANEL CUT-OUT

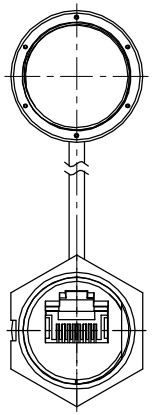



TOP VIEW

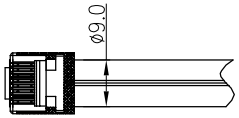



RJ45 PLUG CONN.2



CONN.1
WATERPROOF RATE: IP67

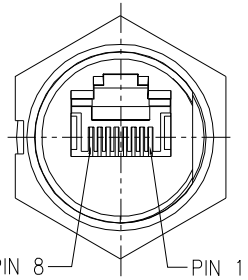



A VIEW

| | | |
|---|---|---|
| 8 | BROWN | 8 |
| 7 | BLUE | 7 |
| 6 | YELLOW | 6 |
| 5 | GREEN | 5 |
| 4 | RED | 4 |
| 3 | BLACK | 3 |
| 2 | ORANGE | 2 |
| 1 | GREY | 1 |
| PCB | WIRE COLOR | CONN2. |

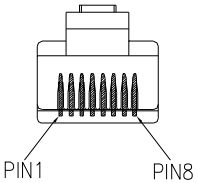
PIN OUT

CONN.1




PIN ASSIGNMENTS
FRONT VIEW

CONN.2




PIN ASSIGNMENTS
FRONT VIEW

NOTES:
1. WATERPROOF RATE: IP67(WHEN PROPERLY MATED)
   IP67: IMMERSED IN 1M WATER FOR 30 MINUTES
2. RATING:125V 1.5A
3. OTHER GENERAL SPEC. TO REFER "RJ45 SERIES SPEC".
4. TO CONFORM TO SINGATRON HAZARDOUS SUBSTANCE FREE SPEC.
5. GREEN PRODUCT IDENTIFICATION LABEL ON PACKAGING: G.P. PASS
6. FOR PANEL THICKNESS MAX OF 3.5mm

| NO | DESCRIPTION | QTY | MATERIAL | PLATING & COLOR |
|---|---|---|---|---|
| L | HEAT SHRINK TUBE | 1 | OD:8.0mm 300V L=280 | BLACK |
| K | UV GLUE | 1 | N/A | WHITE |
| J | WATERPROOF CAP | 1 | P/N:2UB3001-W0000W | BALCK |
| I | RJ45 PLUG | 1 | CAT6 8P8C SHORT SHIELD | GOLD PLATING |
| H | CABEL | 1 | NOUL 26AWG*8C FLAT UV RESISTANT OD2.4*9.0 | GRAY(PVC JACKET) |
| G | CABLE TIES | 1 | NYLON | BLACK |
| F | CRJ45 | 1 | N/A | GOLD PLATING |
| E | PCB | 1 | FR-4 | GREEN |
| D | GROUND | 1 | PHOSPHOR BRONZE | NICKEL PLATING |
| C | GASKET | 1 | EPDM | BLACK |
| B | NUT | 1 | NYLON+GF | BLACK |
| A | HOUSING | 1 | PPE | BLACK |

UNLESS OTHERWISE SPECIFED TOLERANCES

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

SGconn Waterproof Connectors — Suzhou Singatron Auto Electronics CO.,LTD. 蘇州信音汽車電子有限公司

| | | | | |
|---|---|---|---|---|
| TITLE | RJ45 SHIELDED JACK + PLUG | | | |
| DWN | Elrod | PART NO.2TJ3003-W051B6H | | |
| CHKD | Jun | SCALE 1:1 | UNIT: mm | |
| APVD | JF | SIZE: A3 | SHEET:1 OF 1 | REV: C |

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文件編號 RD-06-043-A