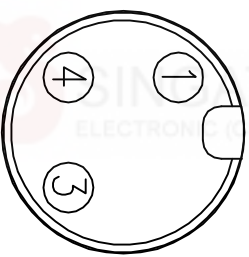
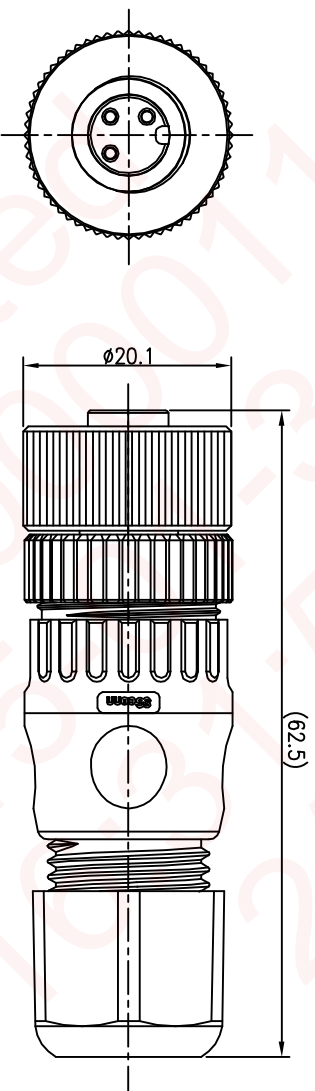
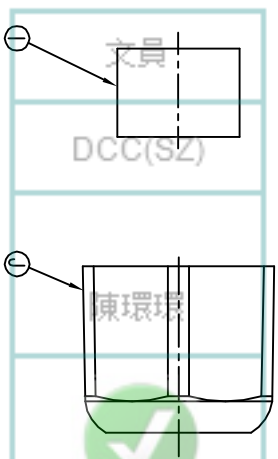
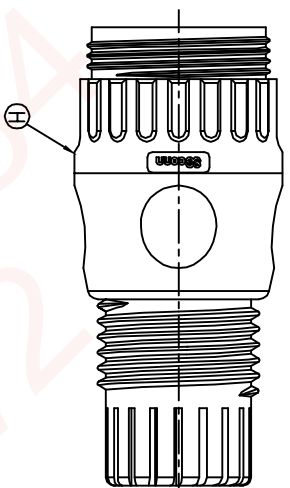
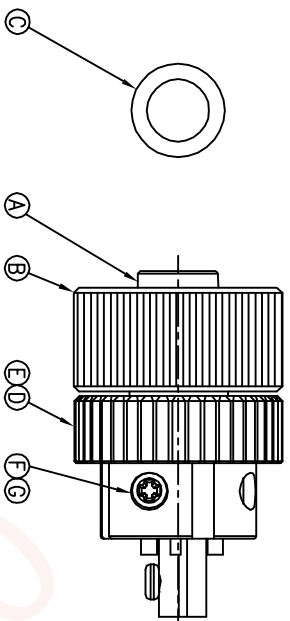


| REV. | ECN NO. | OR DESCRIPTION | REVISED | DATE |
|------|--------------------|----------------|---------|------------|
| A | PDR NO:T140421-14A | JF | | 2015.01.28 |



Pin Assignments
Front View

- NOTES:
- 1 ELECTRICAL CHARACTERISTICS:
- 1-1 CURRENT RATING: 5 AMPS.
 - 1-2 CONTACT RESISTANCE: 30 mOhm Max.
 - 1-3 INSULATION RESISTANCE: 100 MOhm Min. at 500VDC.
 - 1-4 BREAKDOWN VOLTAGE: 500 VAC PER MINUTE.
2. MECHANICAL CHARACTERISTICS:
- 2-1 CONTACT ACCOMMODATION: 18~22AWG.
 - 2-2 TIGHTENING TORQUES: 1.0~1.2Nm(8.85~10.62lbf.in.).
3. ENVIRONMENTAL:
- 3-1 OPERATING TEMPERATURE: -40°C TO +105°C.
 - 3-2 SEALING REQUIREMENTS: IP67.
4. CABLE ACCEPTANCE: 6.0~9.0mm.
5. LIFE TEST: 1,000 CYCLES MIN.
6. OTHER GENERAL SPEC. TO REFER "M12 SERIES SPEC.":
7. FOR TECHNICAL DATA REFER TO YOUR LOCAL SINGATRON ELECTRONICS SALES OFFICE.
8. ALL DIMENSIONS ARE NOMINAL FOR REFERENCE ONLY UNLESS OTHERWISE STATED.
9. TO CONFORM TO SINGATRON HAZARDOUS SUBSTANCE FREE SPEC.
10. GREEN PRODUCT IDENTIFICATION LABEL ON PACKAGING: [Click Here](#).

| | | | | |
|---|-------------|--------------------------|--------------|------------------|
| J | SEALING NUT | 1 | PA66+GF | BLACK |
| I | SEAL | 1 | EPDM | BLACK |
| H | CLAMP RING | 1 | PA66+GF | N/A |
| G | SCREW | 3 | STEEL | N/A |
| F | FEMALE PIN | 3 | COPPER ALLOY | 6u" GOLD PLATING |
| E | O-RING 2 | 1 | SILICONE | BLACK |
| D | SCREW NUT2 | 1 | PA66+GF | BLACK |
| C | O-RING 1 | 1 | VITON | RED |
| B | SCREW NUT1 | 1 | BRASS | NICKEL |
| A | BODY | 1 | PA66+GF | BLACK |
| NO | DESCRIPTION | QTY | MATERIAL | PLATING & COLOR |
| UNLESS OTHERWISE SPECIFIED TOLERANCES | | | | |
| Singatron Enterprise Co., Ltd. 信譽企業股份有限公司 | | | | |
| TITLE: M12 SERIES SIZE (P67) FEMALE CONN. FEMALE 3PIN ASSEMBLY TYPE | | | | |
| DWN | JF | PART NO. 2MT3032-W033B0H | SCALE 2:1 | UNIT: mm |
| CHKD | Yang | | SIZE: A3 | SHEET: 1 OF 1 |
| APVD | Horlen | | | REV: A |
| CUSTOMER COPY | | | | |

DECIMALS: ANGLES:

X :±0.5 X :±2°

X.X :±0.3 X.X :±1°

X.XX :±0.2