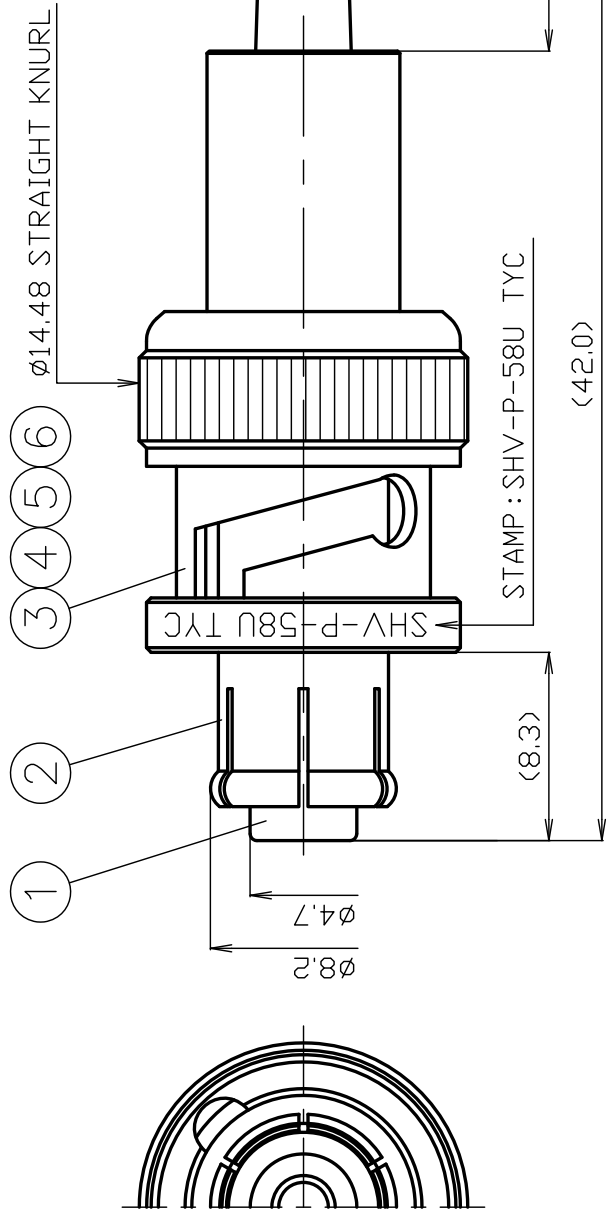




THE DATASHEET OF SHVP-58/U





*1: Phosphor bronze

| | | | | | |
|-----|-------------|----------|------|--------|--------|
| 8 | FERRULE | BRASS | 1 | Ni | |
| 7 | CENTER PIN | *1 | 1 | Au | |
| 6 | WASHER | FE | 1 | Ni | |
| 5 | SPRING | SK5 | 2 | Ni | |
| 4 | GASKET | SILICONE | 1 | -- | |
| 3 | SHELL | BRASS | 1 | Ni | |
| 2 | BODY | BRASS | 1 | Ni | |
| 1 | INSULATOR | PTFE | 1 | -- | |
| NO. | DESCRIPTION | MATERIAL | Q'TY | FINISH | REMARK |

| | |
|-------|------------|
| SCALE | 3/1 |
| UNIT | mm |
| DATE | 2023.06.15 |

| | | | | | |
|------------|-------|---------|-----|------|-----------|
| DRAWN | 渡邊 直弘 | CHECKED | 檜 澤 | APPR | '23.06.15 |
| PROJECTION | | | | | |

PRODUCT SPECIFICATION

Part number: SHVP-58/U

No. 1011672

Drawing number: D-1013871

| | |
|-------------------------------|----------------|
| Nominal 1 Standard | MIL-C-39012 |
| 2 Voltage rating | AC 3500V |
| 3 Frequency range | Not applicable |
| 4 Impedance | Mismatch |
| 5 Operating Temperature Range | -40°C ~ +85°C |



| | Test Items | Procedures/Test Method | Requirements | |
|---|--|---|--|--|
| S T R U C T U R E | 1 Design and Construction | Specified on relevant product drawing (Drawing number: D-1013871) | No defects or abnormalities | |
| | 2 Materials | | | |
| | 3 Finish | | | |
| 4 | E L E C T R I C A L | Insulation Resistance | DC 500V | 1000 MΩ (Min.) |
| 5 | | Withstand voltage | 1 minute at AC 5000V | No defects or abnormalities |
| 6 | | Contact resistance | The method of which, the voltage drop of the contact duration should not exceed about 1-kHz AC or 1mV DC | Between inner conductors 3mΩ (Max.) |
| 7 | M E C H A N I C A L | Compatibility | Mating with connector complying with the standard | No defects or abnormalities |
| 8 | | Tensile strength of coupling mechanism | When axial tensile force of 250N is applied | No defects or abnormalities |
| 9 | | Cable tensile strength | Axial tensile force of 98N is applied | No defects or abnormalities |
| 10 | | Center contact retaining force | When the retaining force is measured with a standard pin gauge | 0.56N(Min.) |
| 11 | | Cable group | RG-58/U、RG-58A/U | |

| | REVISIONS | DATE |
|---|-----------|------|
| 1 | | |
| 2 | | |
| 3 | | |

| Checked | Approved | Proof mark | Prepared |
|-------------------|-------------------|-------------------|---------------------|
| 23.06.16 村 | 23.06.16 本 | 23.06.16 澤 | '23.06.16 直弘 |

GKQM-7

SHVP-58/U Cable Assembly Instructions

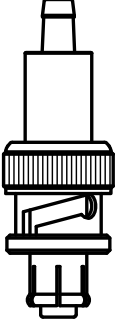
Cable group RG-58/U, RG-58A/U

DRAWING NO. D-1013871

| DRAWN | CHECKED | APPROVED | CONFIRMATION |
|-----------|-----------|-----------|--------------|
| 渡邊 直弘 | 檜 澤 | 山 本 | 三 村 |
| '23.06.15 | '23.06.15 | '23.06.15 | '23.06.15 |

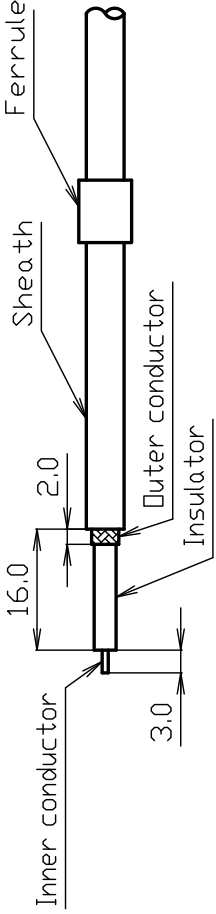


All parts of the connector as shown in this drawing are standard parts.



SHELL

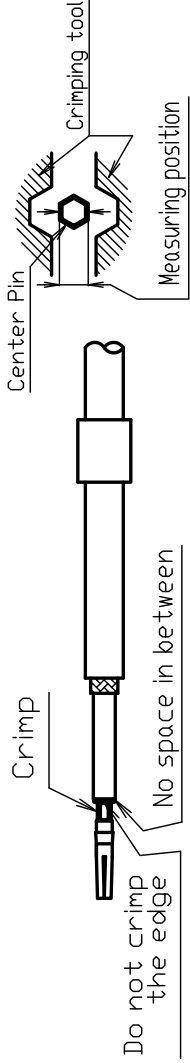
CENTER PIN



1 Slide the ferrule over the inner conductor. Strip the sheath, outer conductor, and insulator to the dimensions indicated in this drawing.

(mm)

2 Place center pin into the ferrule. Insert cable dielectric. Crimp the ferrule. (= crimp height: 6.53~6.55) Pull the center pin lightly. The center pin height is firmly secured.



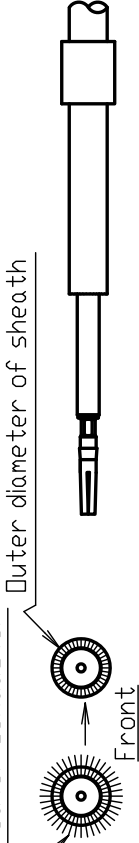
ATTENTION

Do not crimp the edge of the ferrule.

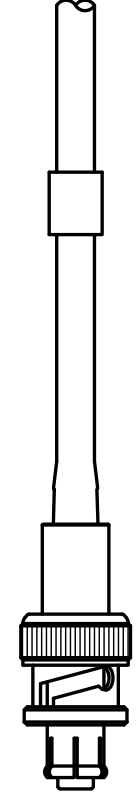
Do not crimp the edge of the ferrule.

Measuring position

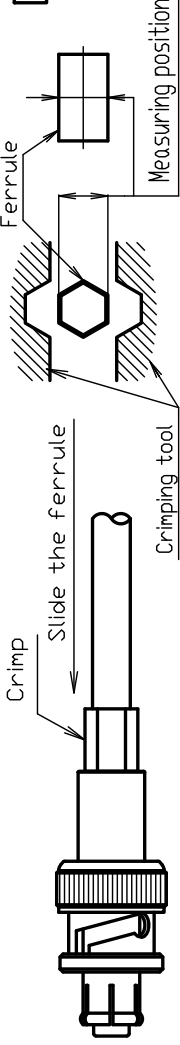
Cut the outer conductor to the outer diameter of the sheath.



3 Flare slightly end of the outer conductor. Trim braid to the sheath diameter.





4 Insert shell in between the inner conductor and outer conductor as shown in this drawing. Push the shell against the coaxial cable until the ferrule is fully seated.



5 Slide the ferrule over the inner conductor and outer conductor against connector body. Crimp ferrule tightly with crimping tool. (= crimp height: 6.53~6.55)

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-  [TYCLON Information](#)

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-  Obsolete Management
-  Cost Control Management
-  Shortage Management
-  Alternative Solution
-  Excess Inventory Management