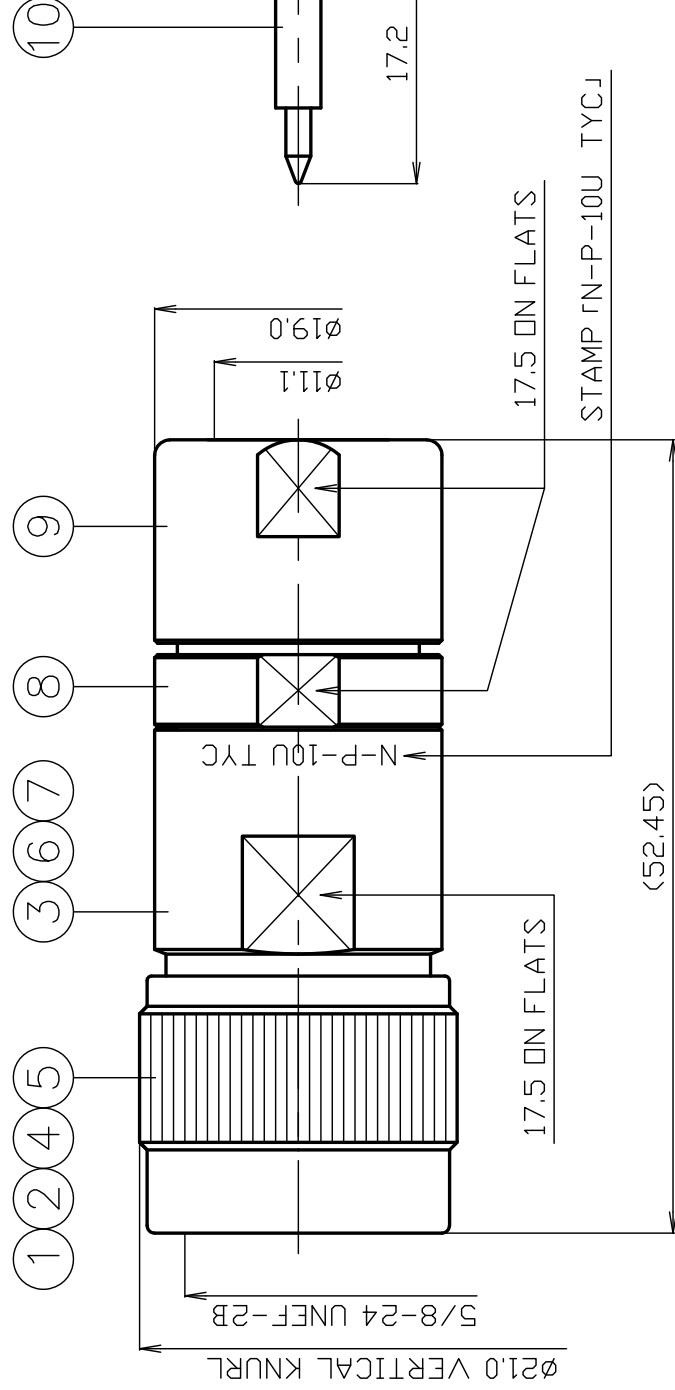




THE DATASHEET OF NP-10/U





| | | | | |
|-----|--------------|-----------------|------|--------|
| 11 | GASKET B | SILICONE | 1 | - |
| 10 | CENTER PIN | BRASS | 1 | Au |
| 9 | CLAMP NUT | BRASS | 1 | Ni |
| 8 | CLAMP CAP | BRASS | 1 | Ni |
| 7 | CLAMP | BRASS | 1 | Ni |
| 6 | BUSH | BRASS | 1 | Ni |
| 5 | INSULATOR | PTFE | 1 | - |
| 4 | HOLDING RING | Phosphor bronze | 1 | - |
| 3 | BODY | BRASS | 1 | Ni |
| 2 | GASKET A | SILICONE | 1 | - |
| 1 | SHELL | BRASS | 1 | Ni |
| NO. | DESCRIPTION | MATERIAL | Q'TY | FINISH |
| | | | | REMARK |

SCALE 2/1

UNIT mm

DATE 2021.03.26

DRAWN 渡邊 直弘
'21.03.26

CHECKED 檜 澤
'21.03.26

APPR 榎 本 誠
'21.03.26



模試法 70-

PRODUCT SPECIFICATION

Part number: NP-10/U

No. 0510144

Drawing number: Y-0510837

| | | |
|---------|-------------------|-------------|
| Nominal | 1 Standard | MIL-C-39012 |
| | 2 Voltage rating | AC 500V |
| | 3 Frequency range | 6GHz |
| | 4 Impedance | 50 Ω |



| | 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: Y-0510837) | No defects or abnormalities |
| | 2 Materials | | |
| | 3 Finish | | |
| E L E C T R I C A L | 4 Insulation Resistance | DC 500V | 1000 MΩ (Min.) |
| | 5 Withstand voltage | 1 minute at AC 1000V | 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 | 3mΩ (max.) |
| M E C H A N I C A L | 7 Compatibility | Mating with connector complying with the standard | No defects or abnormalities |
| | 8 Engagement force | When axial tensile force of 300N is applied | Shell should have no abnormalities |
| | 9 Durability | Over 5,000 matings | Contact resistance under 10mΩ |
| | | | |
| | | | |

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

| Confirmation | Approved | Checked | Prepared |
|--------------|----------|----------|-----------|
| 三 村 | 山 本 | 檜 澤 | 渡邊 直弘 |
| 21.03.26 | 21.03.26 | 21.03.26 | '21.03.26 |

NP-10/U Cable Assembly Instructions

DRAWING No. Y-0510837

DRAWN CHECKED APPROVED CONFIRMATION

渡邊 直弘
'21.03.26

檜 澤
'21.03.26

山 本
'21.03.26

三 村
'21.03.26



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

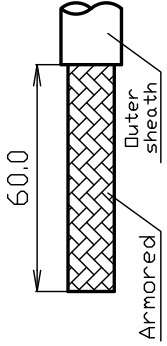
Clamp



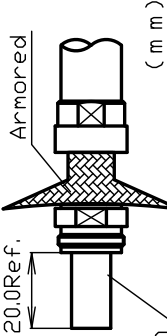
Shell



Gasket B

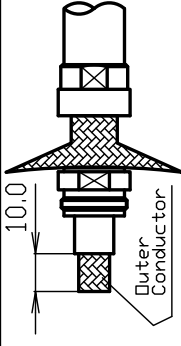


Clamp cap 20.0Ref.



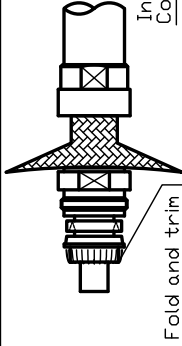
1

Slide nut over dimensions shown in diagram. Slide the clamp nut out. Slide the clamp nut over the edge of the cable. *Here if 20.0mm the work in the



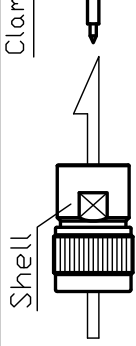
2

Cut the inner conductor. Slide gasket B over the V-groove. The V-groove correct direction



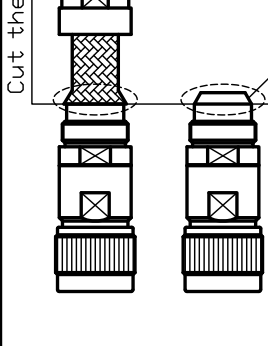
3

Fold back outer conductor and form over clamp. Center pin to inner conductor. Soldering. No gap in between. Center pin



4

Insert assembly nut securely





5

Cut the armor braid around this position. Use the slope of the cap as a guide. Tighten the nut assembly.

Use the slope of the cap as a guide

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