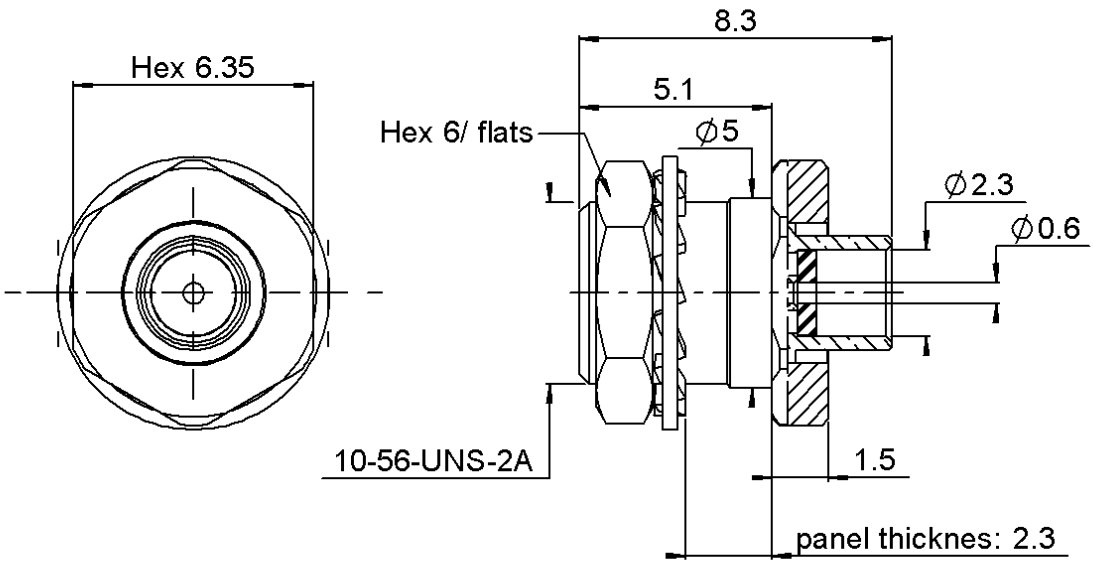
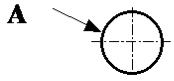
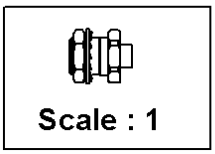
| PAGE **1/3** | ISSUE **1438C** | SERIES **SMP** | PART NUMBER **R222302302** |
|---|---|---|---|



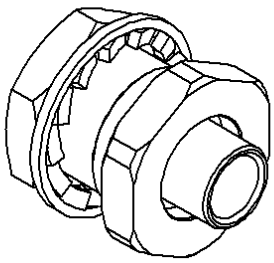

**PANEL CUT OUT**

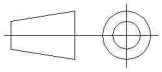



| | mm | |
|---|---|---|
| | **Maxi** | **mini** |
| **A** | **5.30** | **5.20** |




All dimensions are in mm.





| COMPONENTS | MATERIALS | PLATING (µm) |
|---|---|---|
| Body | **STAINLESS STEEL + BRASS** | **PASSIVATED+GOLD1.3 OVER NICKEL2** |
| Center contact | **BERYLLIUM COPPER** | **GOLD 1.27 OVER NICKEL 1.27** |
| Outer contact | **-** | **-** |
| Insulator | **PTFE** | |
| Gasket | **-** | |
| Others parts | **BRASS** | **NICKEL 2** |
| - | - | - |
| - | - | - |

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## PACKAGING

| Standard | Unit | Other |
|---|---|---|
| **100** | **Contact us** | **Contact us** |

## ELECTRICAL CHARACTERISTICS

| | | | | |
|---|---|---|---|---|
| Impedance | | | **50** | Ω |
| Frequency | | | **0-40** | GHz |
| VSWR | **1.50** | **+** | **0,0000** | x F(GHz) Maxi |
| Insertion loss | | | **0.12** | √F(GHz) dB Maxi |
| RF leakage | - ( | | | - F(GHz)) dB Maxi |
| Voltage rating | | | **335** | Veff Maxi |
| Dielectric withstanding voltage | | | **500** | Veff mini |
| Insulation resistance | | | **5000** | MΩ mini |

## MECHANICAL CHARACTERISTICS

| | | |
|---|---|---|
| Center contact retention | | |
| Axial force – Mating End | **NA** | N mini |
| Axial force – Opposite end | **NA** | N mini |
| Torque | **NA** | N.cm mini |
| Recommended torque | | |
| Mating | **NA** | N.cm |
| Panel nut | **60** | N.cm |
| Clamp nut | **NA** | N.cm |
| A/F clamp nut | **0,0000** | mm |

| | | |
|---|---|---|
| Mating life | **500** | Cycles mini |
| Weight | **1,1400** | g |

## ENVIRONMENTAL

| | | |
|---|---|---|
| Operating temperature | **-65/+165** | ℃ |
| Hermetic seal | **NA** | Atm.cm3/s |
| Panel leakage | **NA** | |

## SPECIFICATION

## CABLE ASSEMBLY

| Stripping | a | b | c | d | e | f |
|---|---|---|---|---|---|---|
| mm | **1,3** | **0** | **0** | **0** | **0** | **0** |

Assembly instruction**:**

Recommended cable(s)

**RG 405**
**KS 1**

Characteristics indicated on this data sheet are those that can be achieved with the highest performance cable. Intrinsic limitations of the cable may diminish the performance of the assembly

Cable retention

| | | |
|---|---|---|
| - pull off | **200** | N mini |
| - torque | **NA** | N.cm |

## TOOLING

| Part Number | Description | Hexagon |
|---|---|---|
| R282051000 | STRIPPING TOOL | |
| R282062010 | POINTER GAUGE | |
| R282743100 | POSITIONER FOR SOLDERING SMP | |
| R282744254 | POSITIONER FOR SOLDERING SMP | |
| R282862120 | SOLDER GAUGE THCK 1.83 | |
| R282740000 | SOLDERING MOUNTING | |

## OTHER CHARACTERISTICS

**RF leakage -80dB DC-3 GHz**
**-65dB from 3-26.5 GHz**
**Compliant with MIL-STD-348**

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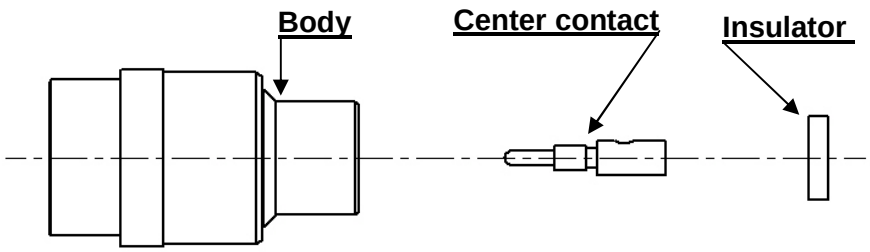
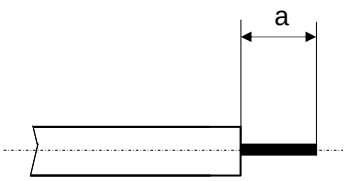
## *COMPONENTS*



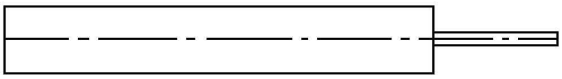

## STRIPPING CABLES




**We recommend a thermal preconditionning cable**

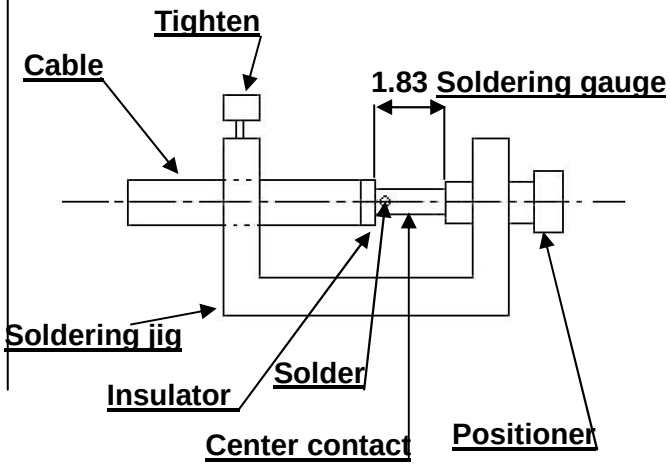
**1**

Strip the dielectric of the cable .
Clean the cable .
Soldering 180℃
Temperature stoking do not exceded 250℃



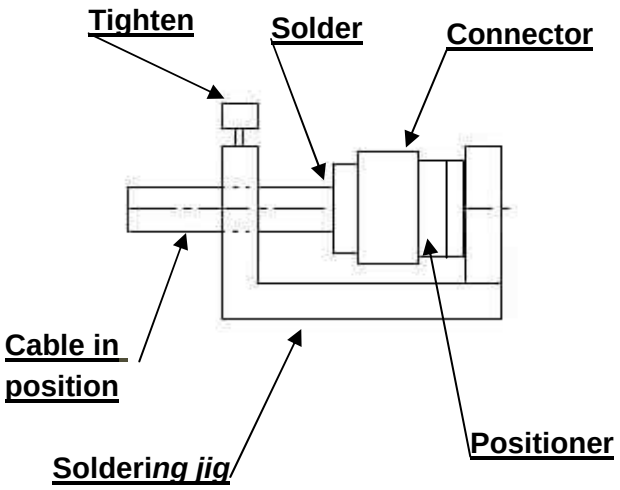
**2**

Screw the positioner onto the soldering jig.
Slide the center contact onto the cable inner conductor against insulator.
Fit the cable assembly onto the soldering jig.
Insert the soldering gauge
Tighten.
Take off the soldering gauge.
and solder the contact.




**3**

After cooling remove cable assembly from the jig.
Insert cable+centre contact in the connector.
Slide the positioner in the connector interface.
Slide cable into the connector body until it bottoms against.
Slide positioner into the assembly.
Tighten.
Solder the body onto the cable.
After cooling remove cable assembly from the jig.

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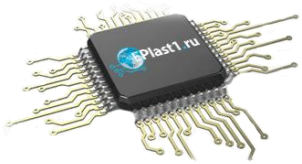
Компания «ЭлектроПласт» предлагает заключение долгосрочных отношений при поставках импортных электронных компонентов на взаимовыгодных условиях!

Наши преимущества:

- Оперативные поставки широкого спектра электронных компонентов отечественного и импортного производства напрямую от производителей и с крупнейших мировых складов;
- Поставка более 17-ти миллионов наименований электронных компонентов;
- Поставка сложных, дефицитных, либо снятых с производства позиций;
- Оперативные сроки поставки под заказ (от 5 рабочих дней);
- Экспресс доставка в любую точку России;
- Техническая поддержка проекта, помощь в подборе аналогов, поставка прототипов;
- Система менеджмента качества сертифицирована по Международному стандарту ISO 9001;
- Лицензия ФСБ на осуществление работ с использованием сведений, составляющих государственную тайну;
- Поставка специализированных компонентов (Xilinx, Altera, Analog Devices, Intersil, Interpoint, Microsemi, Aeroflex, Peregrine, Syfer, Eurofarad, Texas Instrument, Miteq, Cobham, E2V, MA-COM, Hittite, Mini-Circuits,General Dynamics и др.);

Помимо этого, одним из направлений компании «ЭлектроПласт» является направление «Источники питания». Мы предлагаем Вам помощь Конструкторского отдела:

- Подбор оптимального решения, техническое обоснование при выборе компонента;
- Подбор аналогов;
- Консультации по применению компонента;
- Поставка образцов и прототипов;
- Техническая поддержка проекта;
- Защита от снятия компонента с производства.




**Как с нами связаться**

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