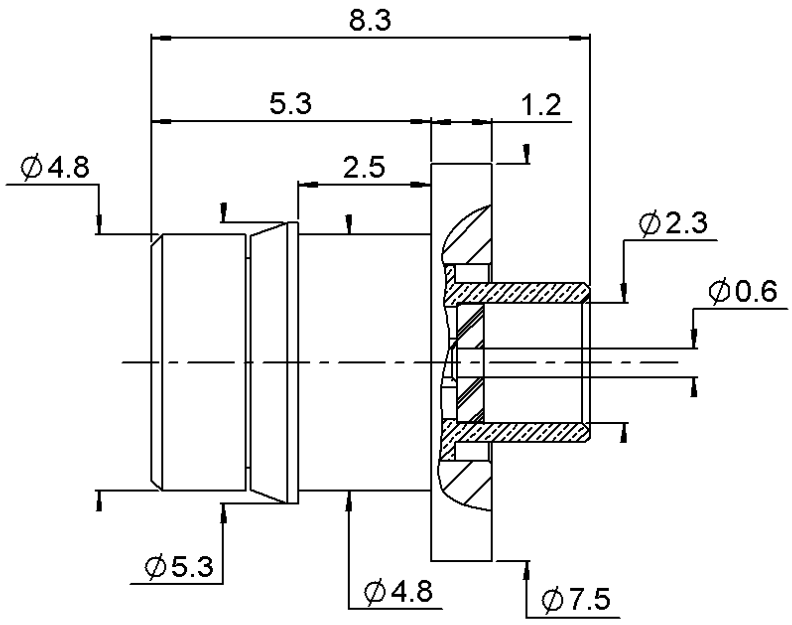
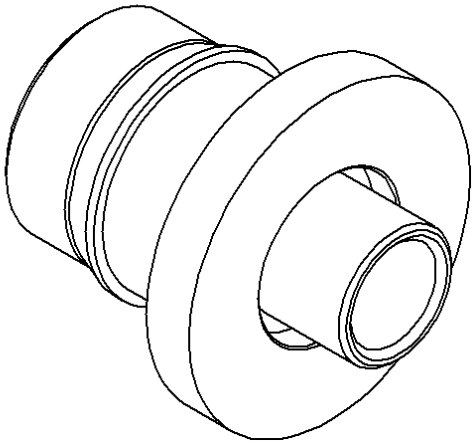
Technical Data Sheet

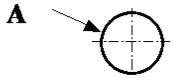
SNAP-IN STRAIGHT MALE JACK LIMITED DETENT SOLDER TYPE CABLE .085

PAGE **1/3**	ISSUE **1437C**	SERIES **SMP**	PART NUMBER **R222223302**

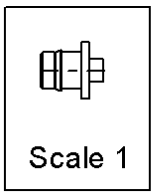




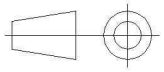
PANEL CUT OUT



	mm	
	Maxi	**mini**
A	**4.95**	**4.9**



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	**BERYLLIUM COPPER**	**BBR 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	**NA**	N.cm
Clamp nut	**NA**	N.cm
A/F clamp nut	**0,0000**	mm

Mating life	**500**	Cycles mini
Weight	**0,9140**	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	-
R282740000	SOLDERING MOUNTING	

OTHER CHARACTERISTICS

RF Leakage -80dB DC-3 GHz
-65dB 3-26.5 GHz
Compliant with MIL-STD-348

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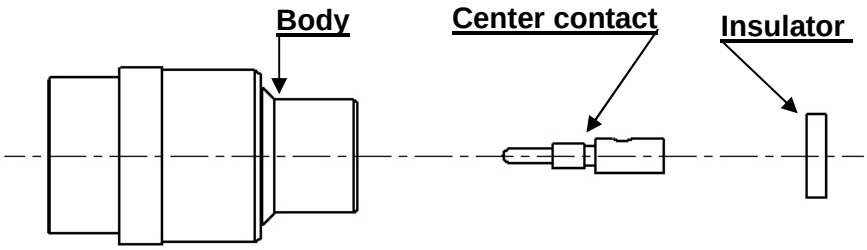
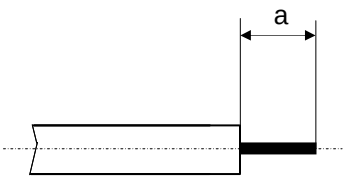
STRIPPING CABLES

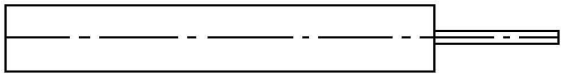




We recommend a thermal preconditionning cable

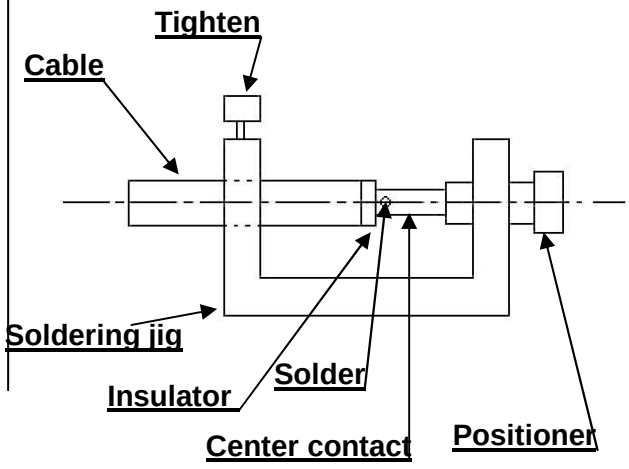
1

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



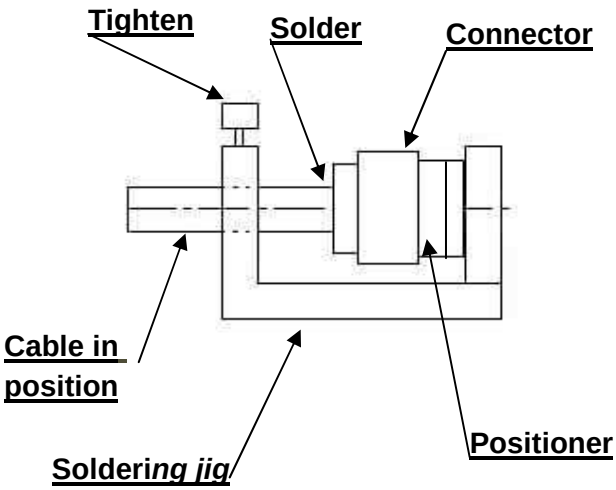
2

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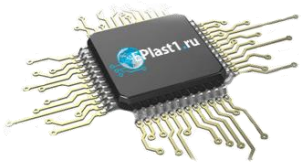
Компания «ЭлектроПласт» предлагает заключение долгосрочных отношений при поставках импортных электронных компонентов на взаимовыгодных условиях!

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

Телефон: 8 (812) 309 58 32 (многоканальный)
Факс: 8 (812) 320-02-42
Электронная почта: org@eplast1.ru
Адрес: 198099, г. Санкт-Петербург, ул. Калинина, дом 2, корпус 4, литера А.