THIS DRAWING IS UNPUBLISHED. RELEASED FOR PUBLICATION JAN , 2004.
© COPYRIGHT 2004 By – ALL RIGHTS RESERVED.

LOC	DIST
E	B

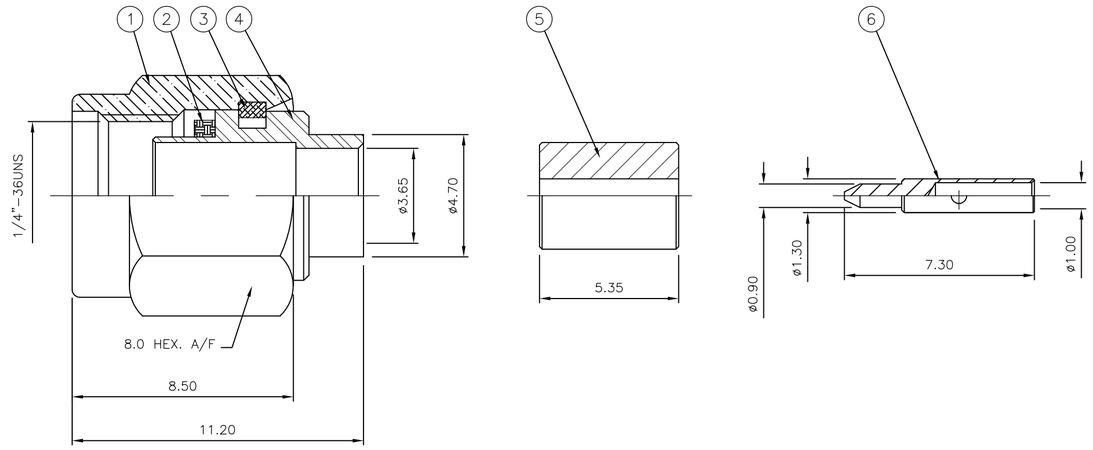
REVISIONS

P	LTR	DESCRIPTION	DATE	DWN	APVD
	B1	REVISED PER ECO-11-005033	01APR11	RK	HMR

NOTES:

1. SINGLE PACK IN ACCORDANCE WITH SPEC 107-3275
2. 100 BULK PACK IN ACCORDANCE WITH SPEC 107-3275
3. 0.08μm GOLD PLATING
4. 0.76μm GOLD PLATING
5. PASSIVATED (GOLD PLATED CABLE ENTRY)
6. ELECTRICAL CHARACTERISTICS
   FREQUENCY RANGE:
   - BRASS BODY: DC – 6.0GHz
   - STAINLESS STEEL (PASSIVATED): DC – 18.0GHz
   - STAINLESS STEEL (GOLD): DC – 18.0GHz

   NOMINAL IMPEDANCE: 50 Ohm
   INSULATION RESISTANCE: 5000 MOhm
   WORKING VOLTAGE: 500 Volts RMS at Sea Level
   DIELECTRIC WITHSTAND VOLTAGE: 1500 Volts RMS Max
   CONTACT RESISTANCE:
   CENTRE CONTACT: 3 mOhm Max
   OUTER CONTACT: 2 mOhm Max
   VSWR @ 4GHz: 1.35:1
   INSERTION LOSS dB @ x 1.5 GHz: 0.06 Max
7. MECHANICAL CHARACTERISTICS
   COUPLING NUT RETENTION FORCE: 267N
   CABLE RETENTION FORCE: 110N Min
   CLAMP NUT RECOMMENDED TORQUE: 80–110N
   DURABILITY: 500 Cycles Min
8. ENVIRONMENTAL CHARACTERISTICS
   OPERATING TEMPERATURE: –65 to +165 DegC
9. FOR TECHNICAL DATA REFER TO YOUR LOCAL TE CONNECTIVITY SALES OFFICE
10. ALL DIMENSIONS ARE NOMINAL FOR REFERENCE ONLY UNLESS OTHERWISE STATED



QUANTITY PER ASSY						PARTS LIST		
1	1	1	1	1	1	BRASS 3	CENTER CONTACT	6
1	1	1	1	1	1	PTFE	INSULATOR	5
1	1	–	–	–	–	BRASS 3	BODY	4
–	–	1	1	–	–	STAINLESS STEEL 3	BODY	4
–	–	–	–	1	1	STAINLESS STEEL 3	BODY	4
1	1	1	1	1	1	STAINLESS STEEL	CIRCLIP	3
1	1	1	1	1	1	SILICON	GASKET	2
1	1	–	–	–	–	BRASS 3	SHELL	1
–	–	1	1	–	–	STAINLESS STEEL 3	SHELL	1
–	–	–	–	1	1	STAINLESS STEEL 3	SHELL	1
3--1	3--0	2--1	2--0	1--1	1--0	MATERIAL	DESCRIPTION	ITEM
2	1	2	1	2	1			

THIS DRAWING IS A CONTROLLED DOCUMENT.

DIMENSIONS: mm

TOLERANCES UNLESS OTHERWISE SPECIFIED:
0 PLC ± –
1 PLC ± –
2 PLC ± –
3 PLC ± –
4 PLC ± –
ANGLES ± –

MATERIAL: SEE TABLE
FINISH: –

DWN R.SMITH 28JAN04
CHK S.PARLOW 28JAN04
APVD F.WHEELER-KING 28JAN04
PRODUCT SPEC —
APPLICATION SPEC —
WEIGHT —

TE Connectivity

NAME: SMA STRAIGHT PLUG DIRECT SOLDER NON CAPTIVE CENTRE CONTACT RG402/U

SIZE	CAGE CODE	DRAWING NO	RESTRICTED TO
A2	00779	C-1478903	—

CUSTOMER DRAWING | SCALE NTS | SHEET 1 OF 2 | REV B1

1478903

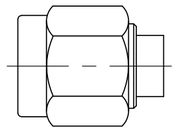
THIS DRAWING IS UNPUBLISHED. RELEASED FOR PUBLICATION JAN , 2004.
© COPYRIGHT 2004 By – ALL RIGHTS RESERVED.

LOC	DIST
E	B

REVISIONS

P	LTR	DESCRIPTION	DATE	DWN	APVD
	–	SEE SHEET 1	–	–	–

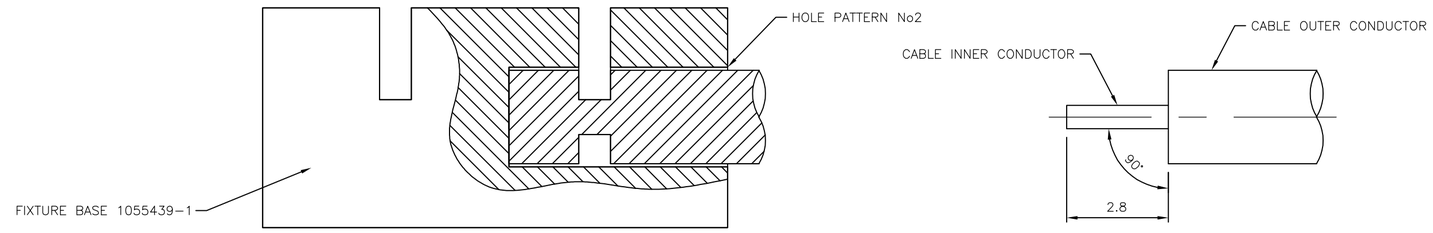
COMPONENTS

MAIN BODY (ITEM 1,2,3,4)	DIELECTRIC (ITEM 5)	CENTRE CONTACT (ITEM 6)				
						

ASSEMBLY INSTRUCTIONS
RG402/U

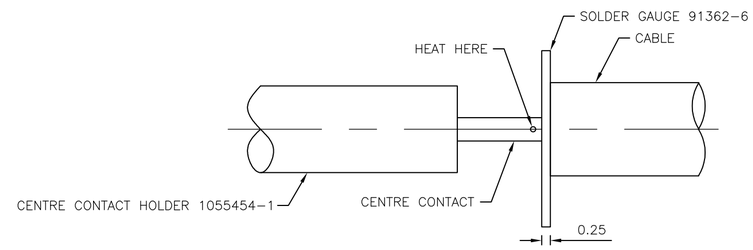
STEP 1: PREPARATION OF CABLE

1. INSERT SQUARED CABLE END INTO FIXTURE BASE HOLE PATTERN No. 2
2. PLACE SAW IN SAW SLOT AND CUT THROUGH OUTER CONDUCTOR AND INTO DIELECTRIC WHILST ROTATING CABE
3. REMOVE CABE FROM FIXTURE AND FINISH CUTTING DIELECTRIC WITH CUTTING BLADE
4. BARE INNER CONDUCTOR BY PRYING CUT OUTER CONDUCTOR AND DIELECTRIC FROM CABLE
5. TRIM CABLE INNER CONDUCTOR TO LENGTH



STEP 2: SOLDERING OF CENTRE CONTACT TO CABLE

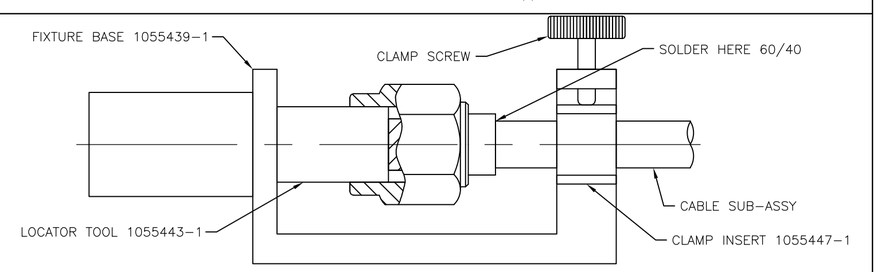
1. TIN INNER CONDUCTOR OF CABLE
2. PLACE SOLDER GAUGE ON INNER CONDUCTOR FLUSH WITH END OF OUTER CONTACT
3. PLACE CENTRE CONTACT IN HOLDER. HEAT CENTRE CONTACT AND PUSH IT OVER INNER CONDUCTOR OF CABLE TO REST FIRMLY AGAIN SOLDER GAUGE
4. REMOVER SOLDER GAUGE AND EXCESS SOLDER



STEP 3: SOLDERING OF CABLE TO HOUSING

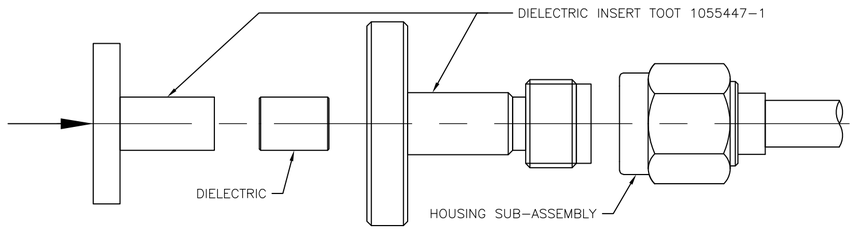
1. SCREW HOUSING ASSEMBLY ONTO LOCATOR TOOL
2. CAREFULLY INSERT CABLE ASSEMBLY INTO PRE–ASSEMBLED HOUSING DIELECTRIC OF HOUSING ASSEMBLY
3. PLACE LOOSE ASSEMBLY IN FIXTURE BASE AS SHOWN
4. BOTTOM LOCATOR TOOL AGAIN FIXTURE BASE AS SHOWN
5. MAINTAINING PRESSURE ON CABLE TO KEEP LOCATOR TOOL BOTTOMED TIGHTEN CLAMP SCREW TO SECURE CABLE
6. SLODER CABLE TO HOUSING

NOTE: FIXTURE SHOULD BE CLAMPED VERTICALLY IN VICE (SO THAT CONNECTOR INTERFACE IS FACING DOWN)



STEP 4: PRESSING OF DIELECTRIC INTO HOUSING SUB–ASSEMBLY

1. THREAD INSERT TOOL INTO HOUSING SUB–ASSEMBLY
2. INSERT DIELECTRIC INTO INSERT TOOL HOUSING
3. PLACE INSERT TOOL PLUNGER INTO POSITION AND PRESS UNTIL FLANGE BOTTOMS ON TOOL HOUSING
4. ASSEMBLY IS NOW COMPLETE



NOTES: INTERFACE DIMENSIONS PER MIL–STD–384A–310–1

THIS DRAWING IS A CONTROLLED DOCUMENT.

DIMENSIONS: mm

TOLERANCES UNLESS OTHERWISE SPECIFIED:
0 PLC ± –
1 PLC ± –
2 PLC ± –
3 PLC ± –
4 PLC ± –
ANGLES ± –

MATERIAL: SEE TABLE
FINISH: –

DWN	R.SMITH	28JAN04
CHK	S.PARLOW	28JAN04
APVD	F.WHEELER–KING	28JAN04
PRODUCT SPEC	—	
APPLICATION SPEC	—	
WEIGHT	—	

TE Connectivity

NAME: SMA STRAIGHT PLUG DIRECT SOLDER NON CAPTIVE CENTRE CONTACT RG402/U

SIZE	CAGE CODE	DRAWING NO	RESTRICTED TO
A2	00779	C–1478903	—

CUSTOMER DRAWING | SCALE NTS | SHEET 2 OF 2 | REV B1

1478903

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.