THIS DRAWING IS UNPUBLISHED.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

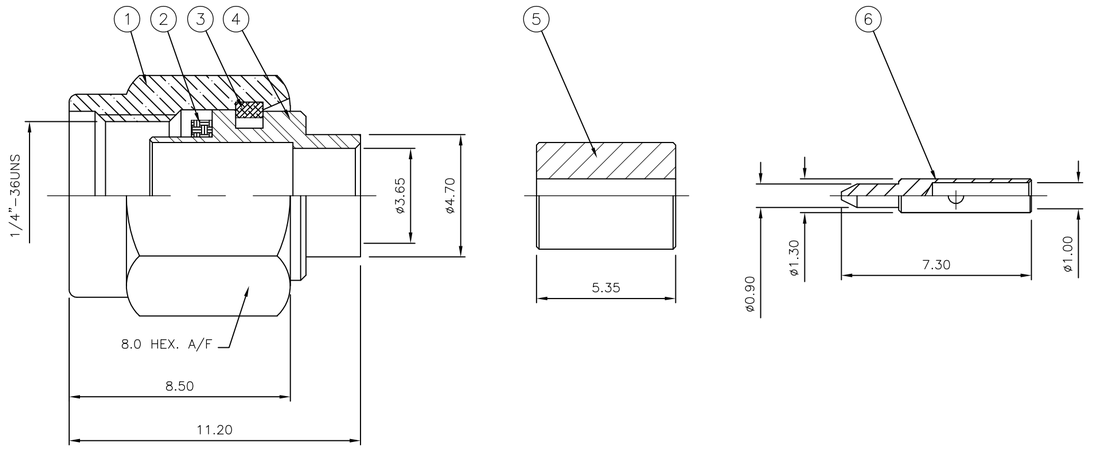
7. MECHANICAL CHARACTERISTICS

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		
3--1	3--0	2--1	2--0	1--1	1--0	MATERIAL	DESCRIPTION	ITEM
1	1	1	1	1	1	BRASS 4	CENTER CONTACT	6
1	1	1	1	1	1	PTFE	INSULATOR	5
1	1	–	–	–	–	BRASS 3	BODY	4
–	–	1	1	–	–	STAINLESS STEEL 5	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 5	SHELL	1
–	–	–	–	1	1	STAINLESS STEEL 3	SHELL	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

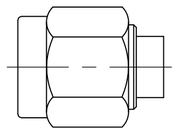
THIS DRAWING IS UNPUBLISHED. RELEASED FOR PUBLICATION JAN , 2004.
© COPYRIGHT 2004 By – ALL RIGHTS RESERVED.

LOC	DIST
E	B

REVISIONS

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

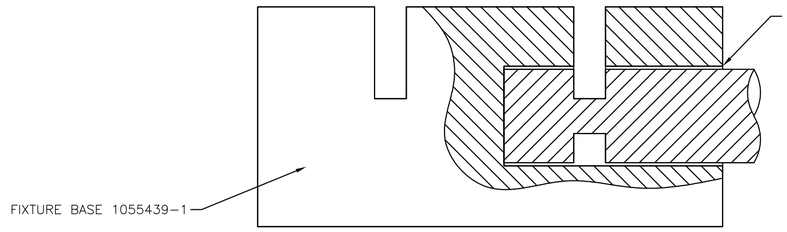
COMPONENTS

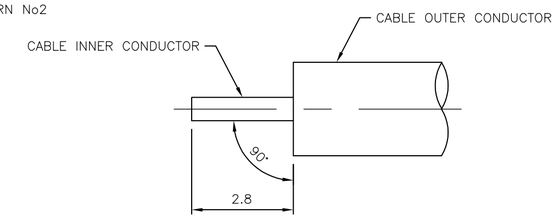
MAIN BODY (ITEM 1,2,3,4)	DIELECTRIC (ITEM 5)	CENTRE CONTACT (ITEM 6)				
						

ASSEMBLY INSTRUCTIONS
RG402/U

STEP 1: PREPARATION OF CABLE

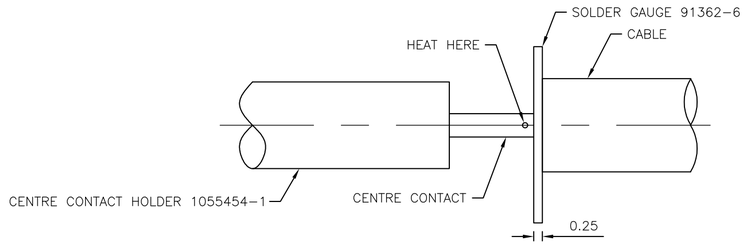
1. INSERT SQUARED CABLE END INTO FIXTURE BASE HOLE PATTERN No. 2
2. PLACE SAW IN SAW SLOT AND CUT THROUGH OUTER CONDUCTOR AND INTO DIELECTRIC WHILST ROTATING CABE
3. REMOVE CABE FROM FIXTURE AND FINISH CUTTING DIELECTRIC WITH CUTTING BLADE
4. BARE INNER CONDUCTOR BY PRYING CUT OUTER CONDUCTOR AND DIELECTRIC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





STEP 2: SOLDERING OF CENTRE CONTACT TO CABLE

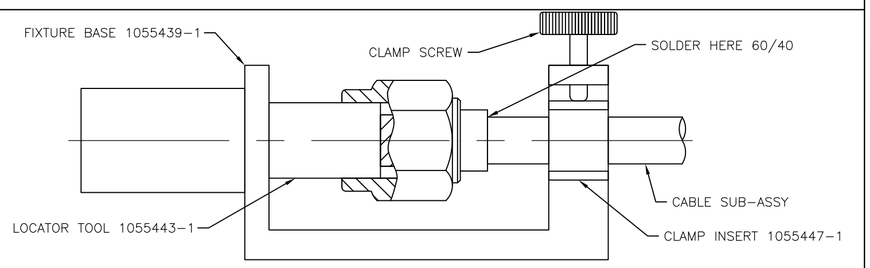
1. TIN INNER CONDUCTOR OF CABLE
2. PLACE SOLDER GAUGE ON INNER CONDUCTOR FLUSH WITH END OF OUTER CONTACT
3. PLACE CENTRE CONTACT IN HOLDER. HEAT CENTRE CONTACT AND PUSH IT OVER INNER CONDUCTOR OF CABLE TO REST FIRMLY AGAIN SOLDER GAUGE
4. REMOVER SOLDER GAUGE AND EXCESS SOLDER



STEP 3: SOLDERING OF CABLE TO HOUSING

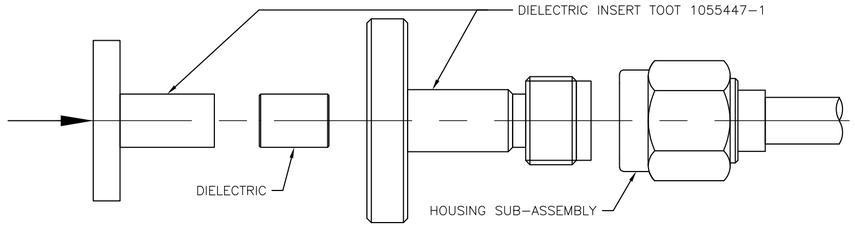
1. SCREW HOUSING ASSEMBLY ONTO LOCATOR TOOL
2. CAREFULLY INSERT CABLE ASSEMBLY INTO PRE–ASSEMBLED HOUSING DIELECTRIC OF HOUSING ASSEMBLY
3. PLACE LOOSE ASSEMBLY IN FIXTURE BASE AS SHOWN
4. BOTTOM LOCATOR TOOL AGAIN FIXTURE BASE AS SHOWN
5. MAINTAINING PRESSURE ON CABLE TO KEEP LOCATOR TOOL BOTTOMED TIGHTEN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

CUSTOMER DRAWING

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	—

SCALE	SHEET	REV
NTS	2 OF 2	B1

1478903

Общество с ограниченной ответственностью «МосЧип» ИНН 7719860671 / КПП 771901001
Адрес: 105318, г.Москва, ул.Щербаковская д.3, офис 1107

Данный компонент на территории Российской Федерации

Вы можете приобрести в компании MosChip.

Для оперативного оформления запроса Вам необходимо перейти по данной ссылке:

http://moschip.ru/get-element

Вы можете разместить у нас заказ для любого Вашего проекта, будь то серийное производство или разработка единичного прибора.

В нашем ассортименте представлены ведущие мировые производители активных и пассивных электронных компонентов.

Нашей специализацией является поставка электронной компонентной базы двойного назначения, продукции таких производителей как XILINX, Intel (ex.ALTERA), Vicor, Microchip, Texas Instruments, Analog Devices, Mini-Circuits, Amphenol, Glenair.

Сотрудничество с глобальными дистрибьюторами электронных компонентов, предоставляет возможность заказывать и получать с международных складов практически любой перечень компонентов в оптимальные для Вас сроки.

На всех этапах разработки и производства наши партнеры могут получить квалифицированную поддержку опытных инженеров.

Система менеджмента качества компании отвечает требованиям в соответствии с ГОСТ Р ИСО 9001, ГОСТ РВ 0015-002 и ЭС РД 009

Офис по работе с юридическими лицами:

105318, г.Москва, ул.Щербаковская д.3, офис 1107, 1118, ДЦ «Щербаковский»

Телефон: +7 495 668-12-70 (многоканальный)

Факс: +7 495 668-12-70 (доб.304)

E-mail: info@moschip.ru

Skype отдела продаж:
moschip.ru
moschip.ru_4
moschip.ru_6
moschip.ru_9