

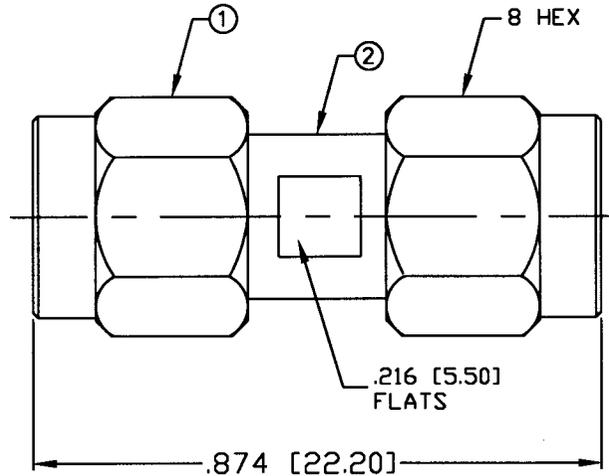
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ALL DIMENSIONS ARE REFERENCE ONLY

PART NO.

**RSA-3403-1**

REV	DESCRIPTION	DWN	DATE	APPROVED
A	ENGINEERING RELEASE	WMD	9/16/93	C. JONES
B	CHANGE PART NUMBER FROM RSA-2385-1 TO RSA-3403-1	WMD	1/4/96	C. JONES
C	CHANGE WRENCH FLAT DIMENSIONS	KMM	9/12/96	R. RICE
D	CHANGE SPECS, FORMAT & DWG #8210	GGG	3/6/02	JDMc



**SPECIFICATIONS:**

IMPEDANCE: 50 Ohms  
 FREQUENCY RANGE: 0-12.4 GHz  
 INSERTION LOSS(dB):  $0.03 \times \sqrt{f(\text{GHz})}$   
 VSWR: 1.3 MAX.  
 WORKING VOLTAGE: 500 V rms Max. @ Sea Level  
 INSULATION RESISTANCE: 5k M Ohms min.  
 TEMPERATURE RANGE: -65°C TO 165°C

1	SHELL	2	BRASS	GOLD, 15μ"
2	BODY	2	BRASS	GOLD, 15μ"
3	INSULATOR	1	PTFE	---
4	PIN	2	BRASS	GOLD, 50μ"
5	RETAINING RING	1	Be-Cu	---
6	GASKET	2	SILICONE	---
7				
8				
9				
10				
11				
12				
13				
14				
#	DESCRIPTION	QTY	MATRL	FINISH

008974	
DRAWN	G. GALLEGOS
CHECKED	<i>[Signature]</i>
ORJ DRAWN	K. MAXWELL
APPROVALS	DATE
	3/6/02
	9/16/93

UNLESS OTHERWISE SPECIFIED:

- REMOVE ALL BURRS
- BREAK ALL CORNERS & EDGES .005 R. MAX.
- CHAMFER 1ST & LAST THREADS 45°
- SURFACE ROUGHNESS 63 FINISH MIL-STD-10
- DIAMETERS ON COMMON CENTERS TO BE CONCENTRIC WITHIN .002 T.I.R.
- ALL DIMENSIONS ARE AFTER PLATING.

DIMENSIONS ARE IN INCHES AND [MILLIMETERS]  
 UNLESS OTHERWISE NOTED TOLERANCES ARE:

DECIMALS	DIAMETER
.xxx±.003 [.08]	.xxx±.001 [.03]
.xx±.005 [.13]	.xx±.003 [.08]

RF

connectors

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## SMA PLUG TO PLUG

ADAPTER

SIZE	CABLE GROUP	DWG NO.	REV
A	N/A	RSA-3403-1	D

SCALE: NTS      CAD FILE OUTLINE      SHEET 1 OF 1