

Soliton/Vector

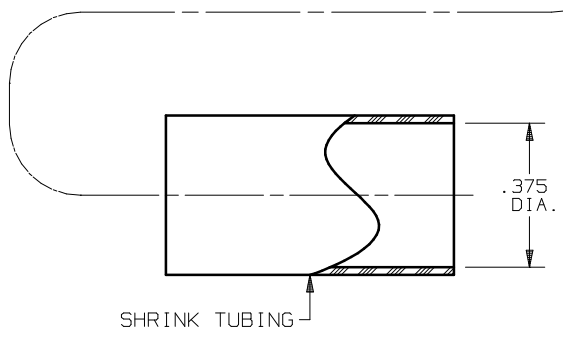
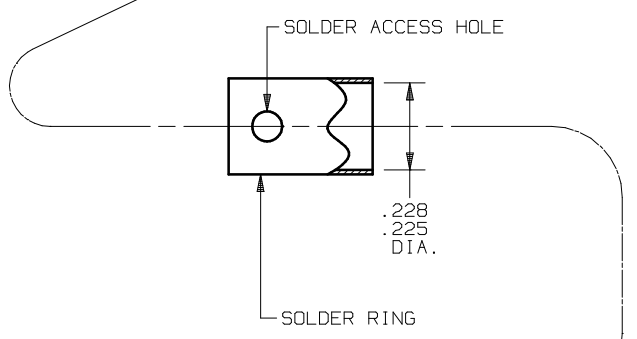
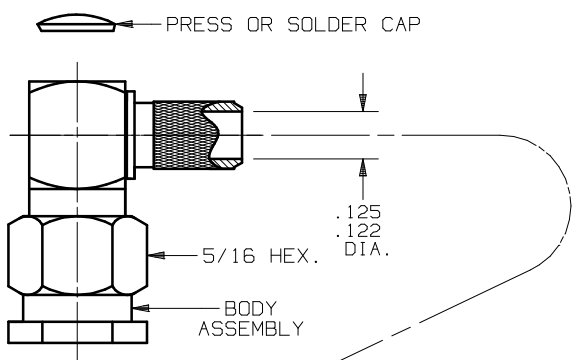
MARK LABEL PER PARTS LIST

CONNECTOR TYPE....SMA R/A PLUG
SOLDER ATTACHMENT

CABLE TYPE.....RG-303, RG-58, RG-142,
RG-400 & RG-223

SPECIAL TOOL.....NONE

PARTS SUPPLIED



UNFOLD FOR ASSEMBLY INSTRUCTIONS
CABLE ASSEMBLY PART NUMBER 300-80-628.

SYM.	DESCRIPTION	DATE	APPR.
B	REV. DCN F11855	07/90	RG
C	REV. DCN 24716	09/98	STM
D	REV. DCN 27658	11/01	STM

UNLESS OTHERWISE SPECIFIED:
 1) ALL DIMENSIONS ARE AFTER PLATING.
 2) BREAK CORNERS & EDGES .005 R. MAX.
 3) CHAM. 1st & LAST THDS.
 4) SURFACE ROUGHNESS 63 J MIL-STD-10.
 5) DIAS. ON COMMON CENTERS TO BE CONCENTRIC WITHIN N/A T.I.R.
 6) REMOVE ALL BURRS.

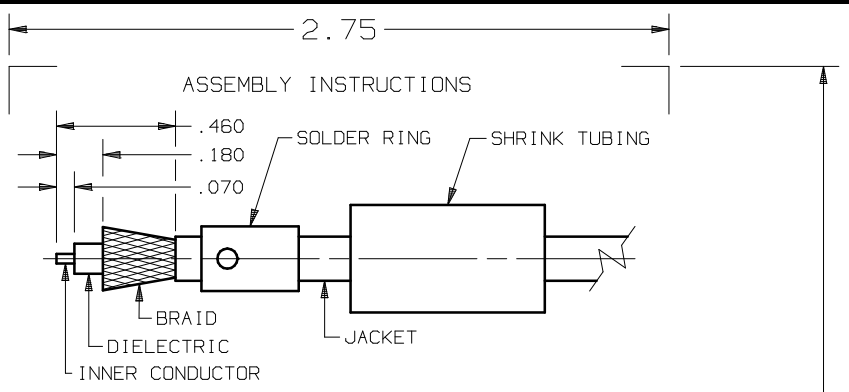
REDRAWN: BRT 9/10/98
 CHECKED: CT 8/14/87
 APPROVED: JC 8/14/87

DIMENSIONS ARE IN INCHES
 TOLERANCES:
 DECIMALS ±.030
 .XX ±.015
 .XXX ±.005
 FRACTIONAL ±1/64
 ANGULAR X° ±1.0'
 X'Y' ±15'

FINISH: N/A
 AREA: N/A
 SIZE CODE IDENT. SCALE
 A 95077 N/A

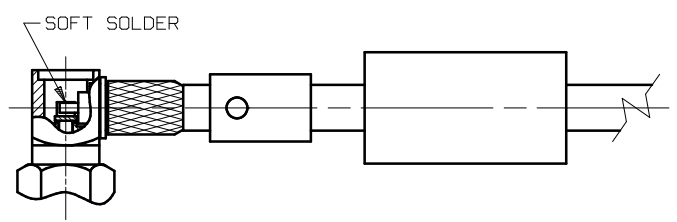
SV Microwave, Inc.
 3301 Electronics Way
 West Palm Beach, FL, 33407

CABLE ASSEMBLY INSTRUCTIONS
 DMG. NO. 300-80-628
 SHT. 1 OF 2

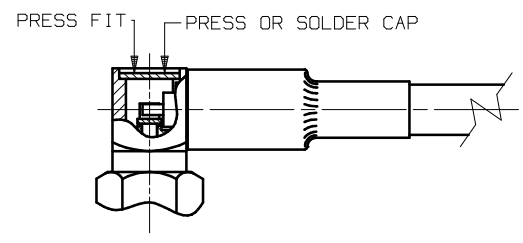


ASSEMBLY INSTRUCTIONS

- 1.0 PREPARE CABLE END
 - 1.1 SLIDE SHRINK TUBING AND CRIMP RING ONTO CABLE.
 - 1.2 TRIM CABLE JACKET, BRAID, DIELECTRIC & INNER CONDUCTOR TO DIMENSIONS SHOWN. WITHOUT NICKING BRAID.
 - 1.3 FLARE BRAID AS SHOWN.



- 2.0 ATTACH CABLE TO CONNECTOR
 - 2.1 INSERT PREPARED CABLE END INTO FERRULE END OF CONNECTOR. POSITION INNER CONDUCTOR INTO SLOT. SOFT SOLDER CONDUCTOR TO CONTACT.
 - 2.2 SLIDE SOLDER RING OVER BRAID AND FERRULE. SOFT SOLDER BRAID AND RING TO FERRULE. TRIM EXCESS BRAID.



- 3.0 ENCLOSING CONNECTOR OPENING
 - 3.1 PRESS OR SOLDER CAP INTO RECESS OF CONNECTOR.
 - 3.2 SLIDE SHRINK TUBING OVER SOLDER RING.
 - 3.3 APPLY HEAT (275° MIN) TO SHRINK TUBING COMPLETING ASSEMBLY.

8.00

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REDRAWN: BRT 9/10/98
 CHECKED: CT 8/14/87
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DIMENSIONS ARE IN INCHES		TOLERANCES:		ANGULAR	
DECIMALS	FRACTIONAL				
.X	±.030			X°	±1.0°
.XX	±.015		±1/64	X'X"	±15'
.XXX	±.005				
MATERIAL:	N/A	FINISH:	N/A	AREA:	N/A
SIZE	CODE IDENT.	SCALE			
A	95077	N/A			

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TITLE:
 CABLE ASSEMBLY INSTRUCTIONS

DWG. NO. 300-80-628
 SHT. 2 OF 2