

ROHS COMPLIANT

PRODUCT DATA DRAWING

REVISION HISTORY			
REV	DESCRIPTION	DATE	APPROVED
-	DCN 37641	07/10	PJS
A	DCN 39328	08/12	STW

Technical drawing of an SMP Male LD to 2.92mm Female Adapter. The drawing shows a side view of the adapter with dimensions in inches and millimeters. Key dimensions include: overall length .878 [22.31], body diameter Ø.175 [4.45], central body diameter Ø.250 [6.35], and outer sleeve diameter Ø.210 [5.33]. The drawing also shows a .218 across flats dimension, 1/4-36 UNS-2A threads, and two RP (Right Profile) callouts. A .692 [17.58] dimension is shown at the bottom.

MATERIAL:

BODY & SLEEVE:

CONTACT:

INSULATOR:

BEAD:

FINISH:

BODY & SLEEVE:

CONTACT:

STAINLESS STEEL PER AMS-5640, ALLOY UNS S30300, TYPE 1

BERYLLIUM COPPER PER ASTM B196, ALLOY No. UNS C17300, TD04

PTFE PER ASTM D1710, TYPE I, GRADE 1, CLASS B

ULTEM

PASSIVATED PER AMS-2700.

GOLD PER ASTM B488, TYPE II, CODE C, CLASS 1.27, OVER NICKEL PER AMS-QQ-N-290, CLASS 1, .00005" MIN.

PERFORMANCE:

IMPEDANCE:

FREQ. RANGE:

DWV:

INSULATOR RES.:

50 OHMS

DC TO 40.0 GHz

500 VRMS

5,000 MEGOHMS MIN.

MATERIAL:	SEE NOTES	DIMENSIONS ARE IN INCHES TOLERANCES:	UNLESS OTHERWISE SPECIFIED	<b>SV Microwave, Inc.</b> 2400 Centrepark West Drive, Suite 100 West Palm Beach, FL 33409	
FINISH:	SEE NOTES	FRACTIONAL: ±1/64    ANGULAR: X° ±1°0' X°X' ±15'	1) ALL DIMENSIONS ARE IN INCHES (MILLIMETERS) 2) ALL DIMENSIONS ARE AFTER PLATING. 3) BREAK CORNERS & EDGES .005 R. MAX. 4) CHAM. 1ST & LAST THREADS. 5) SURFACE ROUGHNESS 63-MIL-STD-10. 6) DIA.'S ON COMMON CENTERS TO BE CONCENTRIC WITHIN .005 T.I.R. 7) REMOVE ALL BURRS	TITLE: SMP MALE LD TO 2.92mm FEMALE ADAPTER	
SURFACE AREA:	N/A	DECIMAL: .X ±.030 .XX ±.010 .XXX ±.005	INTERPRET DIMENSIONS AND TOLERANCES PER ASME Y14.5M - 1994	SIZE: B CAGE CODE: 95077 DWG. NO.: SF1112-6025	
PROPRIETARY		THIRD ANGLE PROJECTION		SCALE: 10:1	
THE INFORMATION CONTAINED IN THIS DRAWING IS THE SOLE PROPERTY OF SV MICROWAVE, INC. ANY REPRODUCTION IN PART OR AS A WHOLE WITHOUT THE WRITTEN PERMISSION OF SV MICROWAVE, INC IS PROHIBITED.		DRAWN: FED 07/12/10 CHECKED: PJS 07/12/10 APPROVED: PJS 07/12/10		SHEET 1 OF 1	