

ROHS COMPLIANT

PRODUCT DATA DRAWING

REVISION HISTORY			
REV	DESCRIPTION	DATE	APPROVED
-	NRN 37765	11/12	STW
A	REV. DCN 39812	05/21/13	STW
B	DCN 39878	06/13	STW

SMP INTERFACE PER MIL-STD 348 ACCEPTS Ø.015[0.38] PIN

MATERIAL:

BODY, EMI RING & CONTACT:

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

INSULATOR:

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

SPRING:

STAINLESS STEEL PER ASTM A313

QUARTER BACK NUT:

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

FERRULE:

ACETAL (DELRIN) PER ASTM D1481, BLACK

SHRINK TUBING:

PER M23053/4 OR EQUIVALENT

FINISH:

BODY, EMI RING & CONTACT:

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

QUARTER BACK NUT & SPRING:

PASSIVATED PER AMS 2700

PERFORMANCE:

IMPEDANCE:

50 OHMS

FREQ. RANGE:

DC TO 40.0 GHz

VSWR:

1.30:1 DC TO 40.0 GHz

INSERTION LOSS:

.03 X SQRT(F(F IN GHz))

MATERIAL:	SEE NOTES	DIMENSIONS ARE IN INCHES TOLERANCES: FRACTIONAL: ±1/64 ANGULAR: X° ±1°0' X°X' ±15' DECIMAL: .X ±.030 .XX ±.010 .XXX ±.005 INTERPRET DIMENSIONS AND TOLERANCES PER ASME Y14.5M - 1994	UNLESS OTHERWISE SPECIFIED 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 T.I.R. 7) REMOVE ALL BURRS	SV Microwave, Inc. 2400 Centrepark West Drive, Suite 100 West Palm Beach, FL 33409	
FINISH:	SEE NOTES				
SURFACE AREA:	N/A			TITLE: SMP JACK W/ QUARTER BACK NUT FOR STANDARD FLEXTRA CABLE	
PROPRIETARY 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.		THIRD ANGLE PROJECTION	DRAWN:	ELA	11/05/12
			CHECKED:	STW	11/05/12
			APPROVED:	STW	11/05/12
		SIZE	CAGE CODE	DWG. NO.	
		B	95077	1221-40051	
		SCALE: 8:1		SHEET 1 OF 1	