

PRODUCT DATA DRAWING

CAD
GENERATED
DRAWING

DCN
CONTROLLED
DOCUMENT

DWG. NO.

SF1116-6007

MATERIAL:

BODY,
INSERT &
COUPLING NUT: STAINLESS STEEL PER AMS-5640,
UNS S30300, TYPE I

CONTACTS &
LOCK RING: BERYLLIUM COPPER PER ASTM-B-196,
ALLOY C17300, COND. TD04

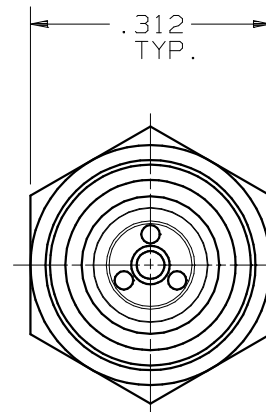
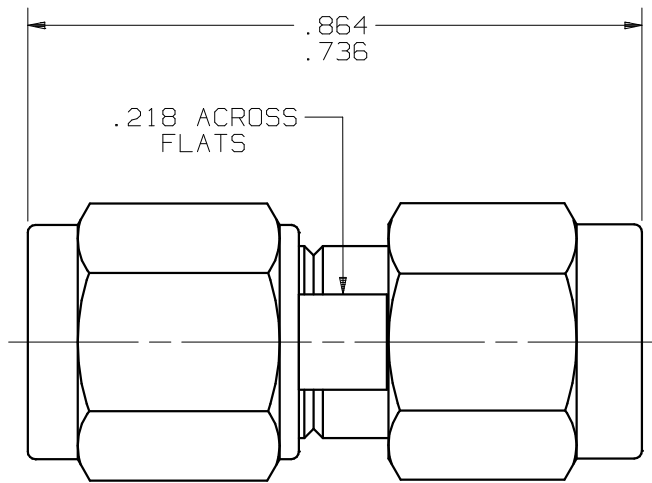
BEADS: ULTEM

GASKET: SILICONE RUBBER PER ZZ-R-765,
CLASS IIB, GRADE 50/60

FINISH:

BODY,
INSERT &
COUPLING NUT: PASSIVATED PER QQ-P-35, TYPE II

CONTACTS: GOLD PER MIL-G-45204, TYPE I,
GRADE C, CLASS 00; OVER NICKEL
PER QQ-N-290, CLASS 1



PERFORMANCE:

IMPEDANCE: 50 OHMS
FREQ. RANGE: DC-40.0 GHz
VSWR: 1.25:1 @ DC TO 40.0 GHz (NOTE 1)
TEMP. RATING: -55°C TO +135°C
INTERFACE: IAW MIL-STD-348

NOTES:

- VSWR RATINGS OF 1.15:1 AND 1.20:1 ARE AVAILABLE UPON REQUEST.

SYM.	DESCRIPTION	DATE	APPR.	UNLESS OTHERWISE SPECIFIED:			DIMENSIONS ARE IN INCHES			SV Microwave, Inc. 2400 Centrepark West Drive, Suite 100 West Palm Beach, FL 33409 TITLE: SVK PLUG TO 2.4mm PLUG ADAPTER DC TO 40 GHz DWG. NO. SF1116-6007
-	REL.DCN 28844	09/02	DWC	1)ALL DIMENSIONS ARE AFTER PLATING.			DECIMALS	FRACTIONAL	ANGULAR	
				2)BREAK CORNERS & EDGES .005 R.MAX.			.X ±.030		X° ±1°0'	
				3)CHAM. 1st & LAST THDS.			.XX ±.015	±1/64	X°X' ±15'	
				4)SURFACE ROUGHNESS 63 J MIL-STD-10.			.XXX ±.005			
				5)DIAS. ON COMMON CENTERS TO BE CONCENTRIC WITHIN .005 T.I.R.			MATERIAL: SEE ABOVE			
				6)REMOVE ALL BURRS.			FINISH: SEE ABOVE AREA: N/A			
				DRAWN: BRT 9/05/02			SIZE	CAGE NO.	SCALE	
				CHECKED: DWC 9/12/02			A	95077	N/A	
				APPROVED: DWC 9/12/02						