

PRODUCT DATA DRAWING

CAD
GENERATED
DRAWING

DCN
CONTROLLED
DOCUMENT

DWG. NO.

SF1593-6000

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

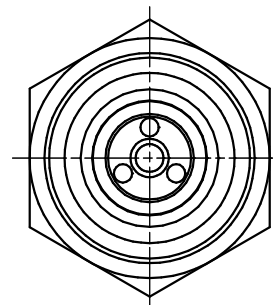
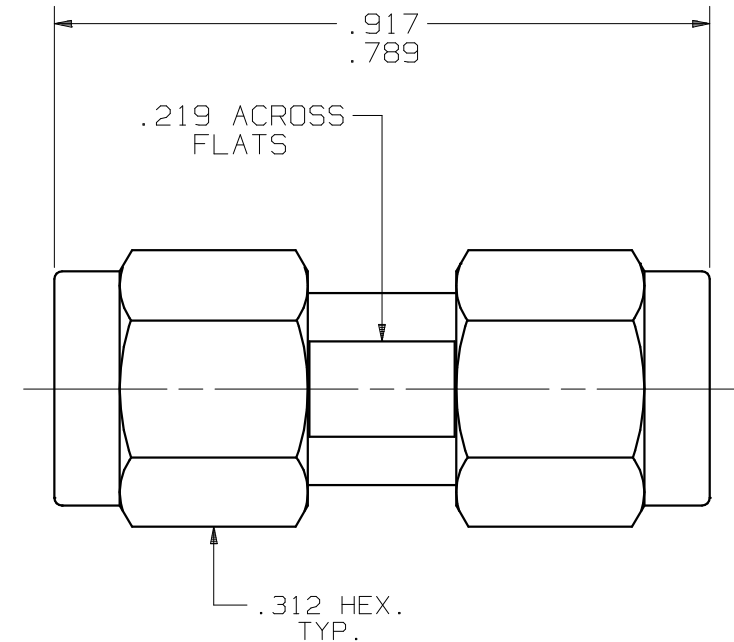
FINISH:

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: 1)ALL DIMENSIONS ARE AFTER PLATING. 2)BREAK CORNERS & EDGES .005 R.MAX. 3)CHAM. 1st & LAST THDS. 4)SURFACE ROUGHNESS 63 / MIL-STD-10. 5)DIAS. ON COMMON CENTERS TO BE CONCENTRIC WITHIN .005 T.I.R. 6)REMOVE ALL BURRS.	DIMENSIONS ARE IN INCHES			SV Microwave, Inc. 2400 Centrepark West Drive, Suite 100 West Palm Beach, FL 33409
-	REL.DCN 28844	09/02	DWC		TOLERANCES:			
					DECIMALS	FRACTIONAL	ANGULAR	
					.X ±.030		X° ±1°0'	
					.XX ±.015	±1/64	X°X' ±15'	
					.XXX ±.005			
				MATERIAL:	SEE ABOVE		TITLE: SVK PLUG TO SVK PLUG ADAPTER DC TO 40 GHz	
				DRAWN:	BRT 9/04/02	FINISH: SEE ABOVE		AREA: N/A
				CHECKED:	DWC 9/12/02	SIZE A		CAGE NO. 95077
				APPROVED:	DWC 9/12/02	SCALE	N/A	DWG.NO. SF1593-6000