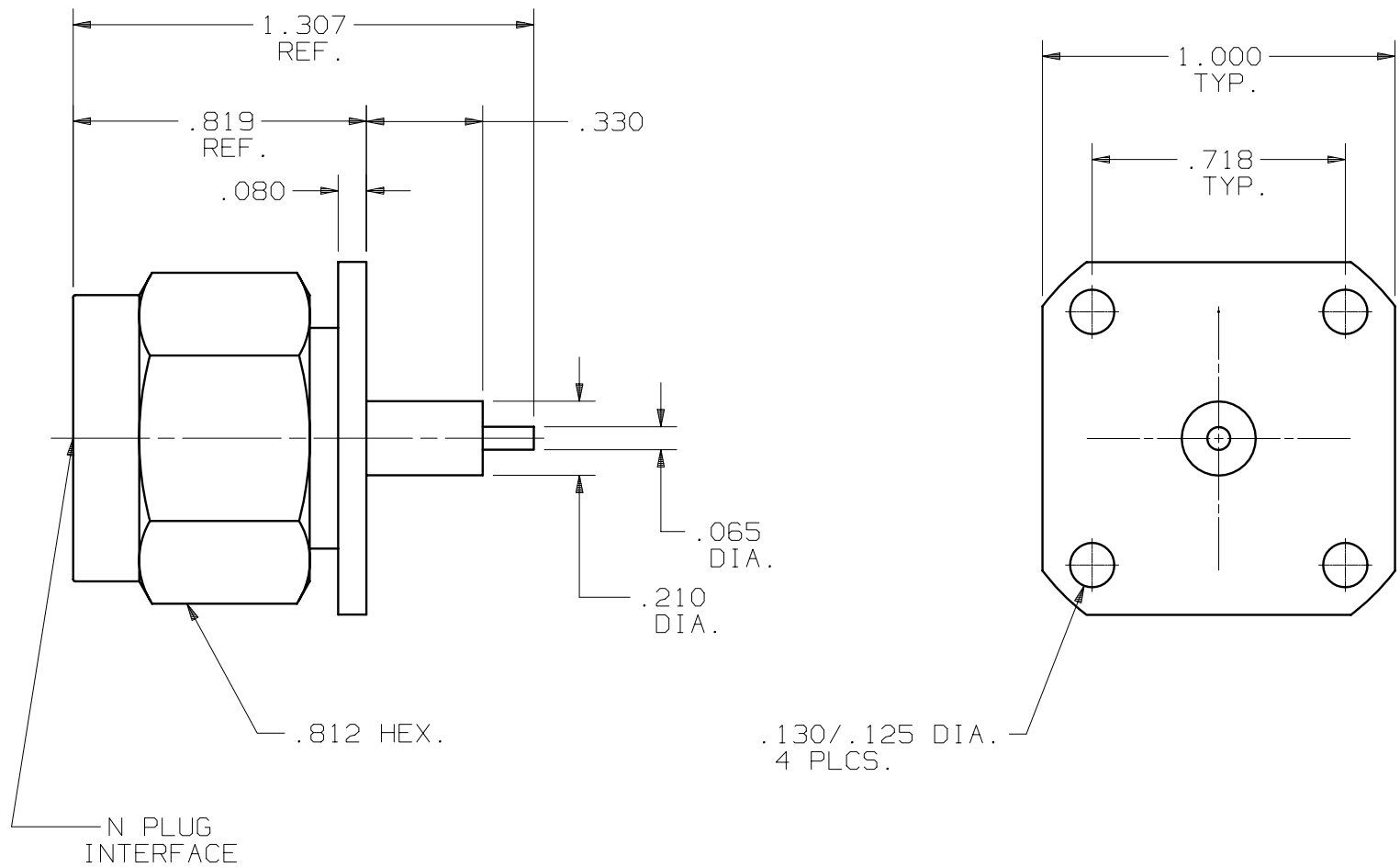


# PRODUCT DATA DRAWING

CAD GENERATED DRAWING	DCN CONTROLLED DOCUMENT	DWG. NO. <b>SF5055-6401</b>
-----------------------------	-------------------------------	--------------------------------



### MATERIALS

**BODY:** STAINLESS STEEL PER AMS-5640, UNS-S30300 (TYPE1)

**INSULATOR:** TEFLON PER ASTM D1710

**CONTACT:** BERYLLIUM COPPER PER ASTM B196, COND. TD04, ALLOY UNS-C17300

**LOCK RING:** PHOSPHOR BRONZE PER ASTM B159

### FINISHES

**BODY:** PASSIVATE PER AMS-QQ-P-35C, TYPE II

**CONTACT:** GOLD PER ASTM B488, TYPE II, GRADE C, CLASS .76, OVER NICKEL PER AMS-QQ-N-290, CLASS 1

### ELECTRICAL CHARACTERISTICS

**IMPEDANCE:** 50 OHMS

**FREQ. RANGE:** DC-18 GHz

**D.W.V.:** 3000 VRMS

**INSUL. RES.:** 5000 MEGOHMS MIN.

SYM.	DESCRIPTION	DATE	APPR.	UNLESS OTHERWISE SPECIFIED: 1) ALL DIMENSIONS ARE AFTER PLATING. 2) BREAK CORNERS & EDGES .005 R. MAX. 3) CHAM. 1s1 & LAST THDS. 4) SURFACE ROUGHNESS 63 / MIL-STD-10. 5) DIAS. ON COMMON CENTERS TO BE CONCENTRIC WITHIN .004 T.I.R. 6) REMOVE ALL BURRS.	DIMENSIONS ARE IN INCHES TOLERANCES:			<b>SV Microwave, Inc.</b> 2400 Centrepark West Drive, Suite 100 West Palm Beach, FL 33409
A	REV.DCN 32010	08/04	STW		DECIMALS .X ±.030 .XX ±.015 .XXX ±.005	FRACTIONAL ±1/64	ANGULAR X° ±1°0' X°X' ±15'	
				DRAWN: LH 8/27/04	MATERIAL: SEE NOTES		□" AREA: N/A	DWG. NO. SF5055-6401
				CHECKED: STW 8/27/04	FINISH: SEE NOTES	SIZE B	CAGE NO. 95077	SCALE 5X
				APPROVED: STW 8/27/04				