

PRODUCT DATA DRAWING

CAD
GENERATED
DRAWING

DCN
CONTROLLED
DOCUMENT

DWG. NO.

SF1575-6007

MATERIAL:

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

CONTACT: BERYLLIUM COPPER PER ASTM-B-196,
ALLOY C17300, COND. TD04

BEAD: ULTEM

FINISH:

BODY: PASSIVATED PER QQ-P-35, TYPE II

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

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

PERFORMANCE:

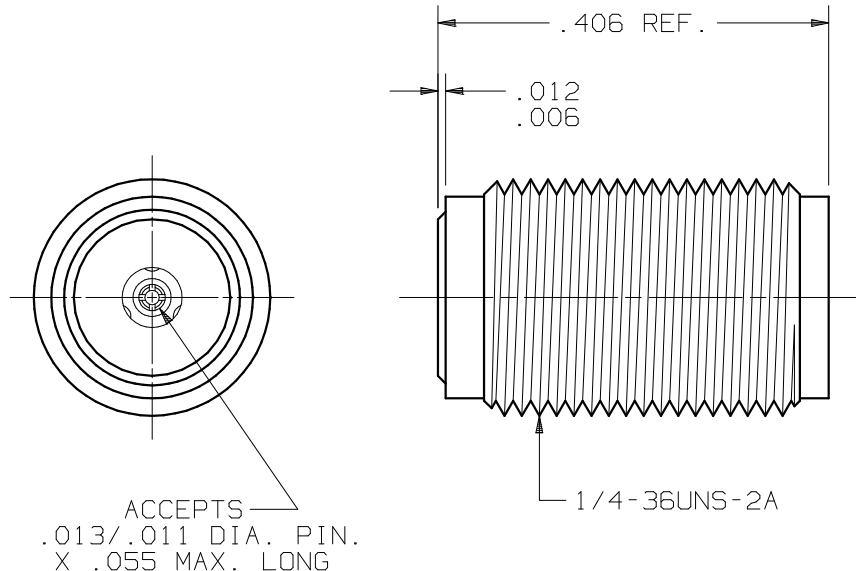
IMPEDANCE: 50 OHMS

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 28854	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 JACK SPARKPLUG W/REAR SOCKET CONTACT	
				DRAWN: BRT 9/10/02	FINISH: SEE ABOVE	AREA: N/A		
				CHECKED: DWC 9/12/02	SIZE	CAGE NO.	SCALE	DWG. NO. SF1575-6007
				APPROVED: DWC 9/12/02	A	95077	N/A	

SV Microwave, Inc.
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