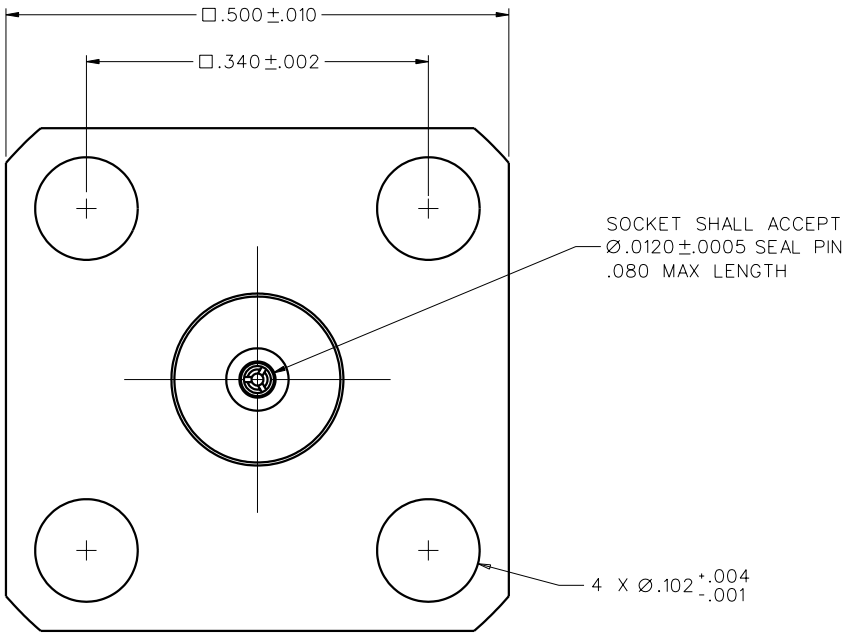
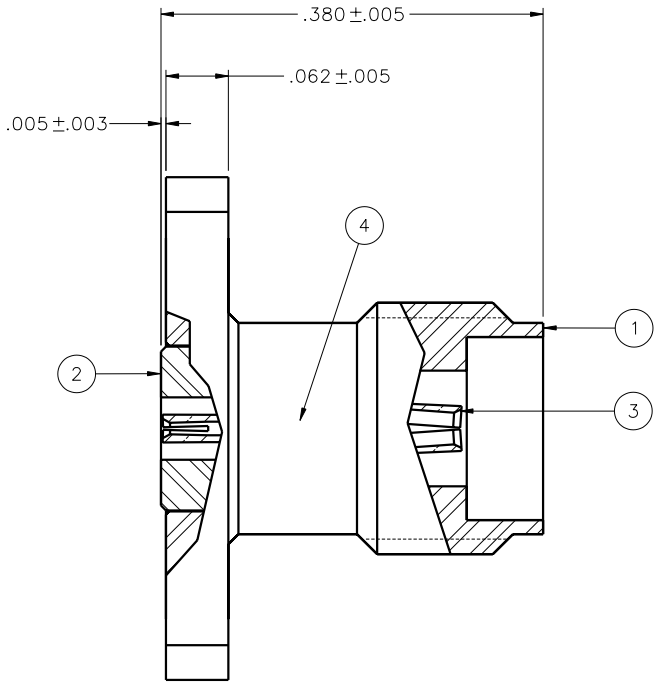
PART NUMBER	ITEM ① BODY	ITEM ② INSERT	ITEM ③ CONTACT	ITEM ④ SUPPORT BEAD
145-0701-611	STAINLESS STEEL GOLD PL .00005 MIN OVER NICKEL PL .00005 MIN	STAINLESS STEEL GOLD PL .00005 MIN OVER NICKEL PL .00005 MIN	BERYLLIUM COPPER GOLD PL .00005 MIN OVER NICKEL PL .00005 MIN OVER COPPER PL .00005 MIN	PPE RESIN
145-0701-612	STAINLESS STEEL PASSIVATE	STAINLESS STEEL PASSIVATE	BERYLLIUM COPPER GOLD PL .00005 MIN OVER NICKEL PL .00005 MIN OVER COPPER PL .00005 MIN	PPE RESIN





NOTES:

1. SPECIFICATIONS:

IMPEDANCE: 50 OHMS
FREQUENCY RANGE: 0-40.0 GHz
VSWR: DEPENDANT UPON APPLICATION, TYPICALLY 1.22 MAX (F IN GHz)
WORKING VOLTAGE: 335 VRMS MAX AT SEA LEVEL
DIELECTRIC WITHSTANDING VOLTAGE: 1000 VRMS MIN AT SEA LEVEL
INSULATION RESISTANCE: 5000 MEGOHM MIN
CONTACT RESISTANCE:
CENTER CONTACT - INITIAL 6.0 MILLIOHM MAX, AFTER ENVIRONMENTAL 8.0 MILLIOHM MAX
OUTER CONDUCTOR - INITIAL 2.0 MILLIOHM MAX AFTER ENVIRONMENTAL NOT APPLICABLE
BRAID TO BODY - NOT APPLICABLE
CORONA LEVEL: 250 VOLTS MIN AT 70,000 FEET
INSERTION LOSS: DEPENDANT UPON APPLICATION, TYPICALLY < .06√F (F IN GHz)
RF LEAKAGE: -90 dB MIN AT 2.5 GHz
RF HIGH POTENTIAL WITHSTANDING VOLTAGE: 670 VRMS MIN AT 4 AND 7 MHz

MECHANICAL:

ENGAGE/DISENGAGE TORQUE: 2 INCH-POUNDS MAX
MATING TORQUE: 7-10 INCH POUNDS
COUPLING PROOF TORQUE: NOT APPLICABLE
COUPLING NUT RETENTION: NOT APPLICABLE
CONTACT RETENTION: 6 LBS MIN AXIAL FORCE
CABLE ACCEPTABILITY: NOT APPLICABLE
CABLE HEX CRIMP SIZE: NOT APPLICABLE
CABLE RETENTION: NOT APPLICABLE
DURABILITY: 500 CYCLES MIN

ENVIRONMENTAL:

(MEETS OR EXCEEDS THE APPLICABLE PARAGRAPH OF MIL-C-39012)
THERMAL SHOCK: MIL-STD-202, METHOD 107, CONDITION B
OPERATING TEMPERATURE: -65 DEG C TO 165 DEG C
CORROSION: MIL-STD-202, METHOD 101, CONDITION B
SHOCK: MIL-STD-202, METHOD 213, CONDITION I
VIBRATION: MIL-STD-202, METHOD 204, CONDITION D
MOISTURE RESISTANCE: MIL-STD-202, METHOD 106

DRAWING NO. C-145-0701-611/620

0	REVISIONS					
ENGINEERING RELEASE						
1	10-14-03	R H	T A K	R J B		ECN 49017

THIS DRAWING TO BE INTERPRETED PER ANSIY 14.5M - 1982

"μSTATION"

COMPANY CONFIDENTIAL

TOLERANCE UNLESS OTHERWISE SPECIFIED		DRAWN BY	DATE	JOHNSON Components™ 299 Johnson Ave. P.O. Box 1732 Waseca, MN 56093-0832	
DECIMALS	mm	RSH	1-31-03		
.XX		CHECKED BY	DATE	TITLE	
.XXX +-.003				SMK (2.92mm) JACK ASSEMBLY, 4 HOLE FLANGE MOUNT, FIELD REPLACEABLE, Ø.012 SEAL PIN	
MATL		APPROVED BY T.A.Kari	DATE 10-14-03		
FINISH		APPROVED BY	DATE	CODE NO.	DRAWING NO. C-145-0701-611/620
		RELEASE DATE 10-14-03		SCALE 10:1	U/M INCH SHEET 2 OF 2