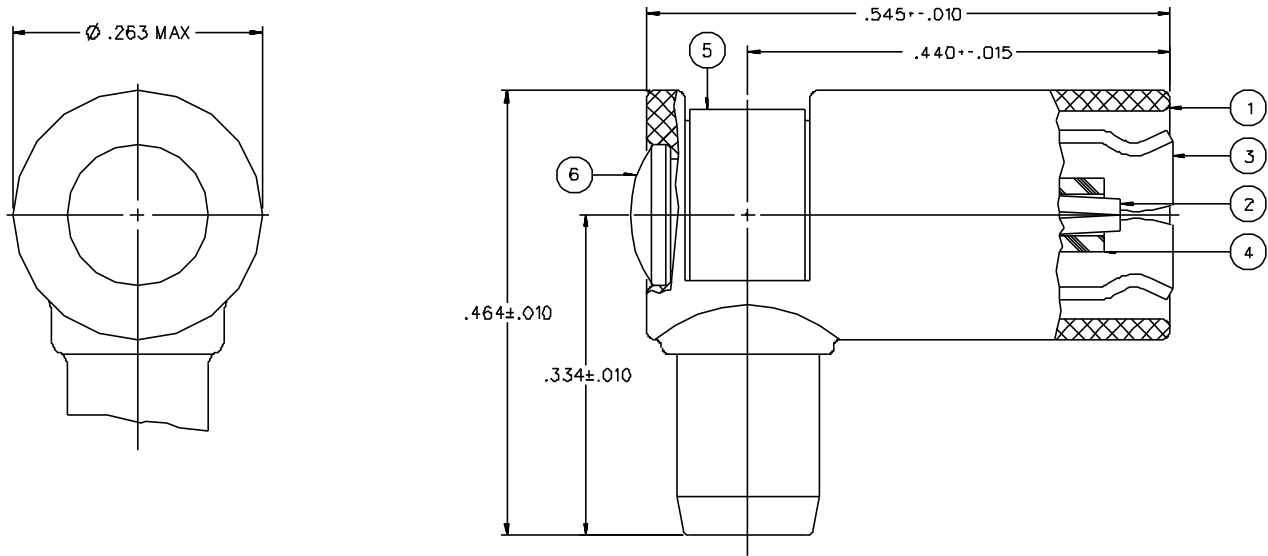


PART NUMBER	ITEM ① BODY	ITEM ② CONTACT	ITEM ③ INTERFACE	ITEM ④ INSULATOR	ITEM ⑤ COVER RING	ITEM ⑥ END CAP
131-1693-101	ZINC GOLD PL .00001 MIN OVER NICKEL PL .00015 MIN OVER COPPER PL .0005 MIN	BERYLLIUM COPPER GOLD PL .00003 MIN OVER NICKEL PL .00005 MIN OVER COPPER PL .00005 MIN	BERYLLIUM COPPER GOLD PL .00003 MIN OVER NICKEL PL .00005 MIN OVER COPPER PL .00005 MIN	TEFLON	PHOSPHOR BRONZE GOLD PL .00001 MIN OVER NICKEL PL .00005 MIN OVER COPPER PL .00005 MIN	BRASS GOLD PL .00001 MIN OVER NICKEL PL .00005 MIN OVER COPPER PL .00005 MIN
131-1693-106	ZINC NICKEL PL .00015 MIN OVER COPPER PL .0005 MIN	BERYLLIUM COPPER GOLD PL .00003 MIN OVER NICKEL PL .00005 MIN OVER COPPER PL .00005 MIN	BERYLLIUM COPPER GOLD PL .00003 MIN OVER NICKEL PL .00005 MIN OVER COPPER PL .00005 MIN	TEFLON	PHOSPHOR BRONZE NICKEL PL .0001 MIN OVER COPPER PL .00005 MIN	BRASS NICKEL PL .0001 MIN OVER COPPER PL .00005 MIN
131-1693-116	ZINC NICKEL PL .00015 MIN OVER COPPER PL .0005 MIN	BERYLLIUM COPPER GOLD PL .00003 MIN OVER NICKEL PL .00005 MIN OVER COPPER PL .00005 MIN	BERYLLIUM COPPER NICKEL PL .0001 MIN OVER COPPER PL .00005 MIN	TEFLON	PHOSPHOR BRONZE NICKEL PL .0001 MIN OVER COPPER PL .00005 MIN	BRASS NICKEL PL .0001 MIN OVER COPPER PL .00005 MIN



NOTES:

1. SPECIFICATIONS:

IMPEDANCE: 50 OHMS
 FREQUENCY RANGE: 0-4 GHZ
 VSWR: 1.35-.04 F (F IN GHZ)
 WORKING VOLTAGE: 335 VRMS MAX AT SEA LEVEL
 DIELECTRIC WITHSTANDING VOLTAGE: 1000 VRMS MIN AT SEA LEVEL
 INSULATION RESISTANCE: 1000 MEGOHM MIN
 CONTACT RESISTANCE:
 CENTER CONTACT - INITIAL 12 MILLIOHM MAX, AFTER ENVIRONMENTAL 16 MILLIOHM MAX
 OUTER CONDUCTOR - GOLD PLATED INITIAL 1 MILLIOHM MAX, AFTER ENVIRONMENTAL 1.5 MILLIOHM MAX, NICKEL PLATED INITIAL 2.5 MILLIOHM MAX, AFTER ENVIRONMENTAL 3.5 MILLIOHM MAX
 BRAID TO BODY - INITIAL 1 MILLIOHM MAX, AFTER ENVIRONMENTAL NOT APPLICABLE
 CORONA LEVEL: 250 VOLTS MIN AT 70,000 FEET
 INSERTION LOSS: .60 dB MAX AT 1.5 GHZ
 RF LEAKAGE: -55 dB MIN AT 2.5 GHZ
 RF HIGH POTENTIAL WITHSTANDING VOLTAGE: 700 VRMS MIN AT 4 AND 7 MHZ

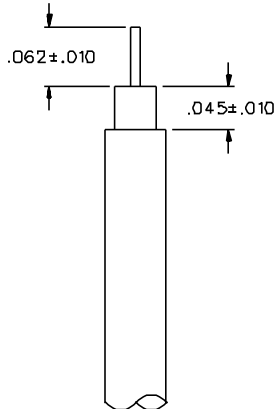
MECHANICAL:

ENGAGE/DISENGAGE FORCE: INITIAL 14 LBS MAX, AFTER DURABILITY 14 LBS MAX
 ENGAGEMENT/2 LBS MIN DISENGAGEMENT
 MATING TORQUE: NOT APPLICABLE
 COUPLING PROOF TORQUE: NOT APPLICABLE
 COUPLING NUT RETENTION: NOT APPLICABLE
 CONTACT RETENTION: 4 LBS MIN AXIAL FORCE
 CABLE ACCEPTABILITY: RG 405 SEMIRIGID

CABLE HEX CRIMP SIZE: NOT APPLICABLE
 CABLE RETENTION: 30 LBS MIN AXIAL FORCE, 16 IN OZ MIN TORQUE
 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 B
 VIBRATION: ML-STD-202, METHOD 204, CONDITION B



CABLE STRIP DIMENSIONS

DRAWING NO.				
C - 131-1693-101/120				
0	REVISIONS			
ENGINEERING RELEASE				
4	8-3-90	J	J	8-7-90 ECN 24812
CHANGED: RF LEAK 2.5 GHZ WAS 2 TO 3 GHZ, RF HIGH POT 4 AND 7 MHZ WAS 5				
4a	4-22-94	R	H	5-10-94 ECN 42372
CHANGED: .045 ± .010 WAS .094 ± .010				
***** REVISION NUMBER FOLLOWED BY AN ALPHA ***** ***** CHARACTER INDICATED DRAWING CHANGE ***** ***** CAUTION OR PART NUMBER ADDITION ONLY *****				
4b	12-15-94	R	H	1-3-95 ECN 42963
VERSION UPDATE				
5	5-18-95	R	H	ECN 43345

CUSTOMER DRAWING

THIS DRAWING TO BE INTERPRETED
 PER ANSI Y 14.5M - 1982

"μSTATION"

COMPANY CONFIDENTIAL

TOLERANCE UNLESS OTHERWISE SPECIFIED		DRAWN BY EJ	DATE 8-3-90	Johnson Components 299 Johnson Ave. P.O. Box 1732 Waseca, MN 56093-0832	
DECIMALS	mm	CHECKED BY	DATE	TITLE PLUG ASSEMBLY RA CABLED SMB, 50 OHM, RG 405	
.XX		APPROVED BY RJB	DATE 8-6-90	CODE NO.	DRAWING NO.
.XXX		APPROVED BY	DATE	C - 131-1693-101/120	
MATL		RELEASE DATE	8-7-90 (3-20-85)	SCALE 10:1	U/N INCH SHEET 2 OF 2
FINISH					