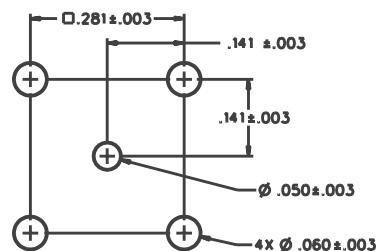
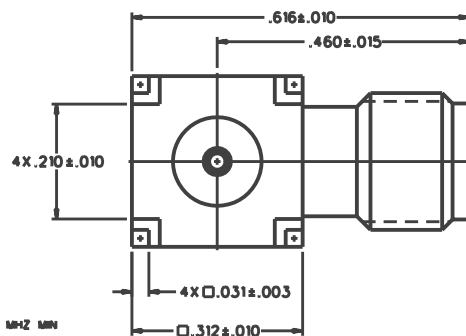
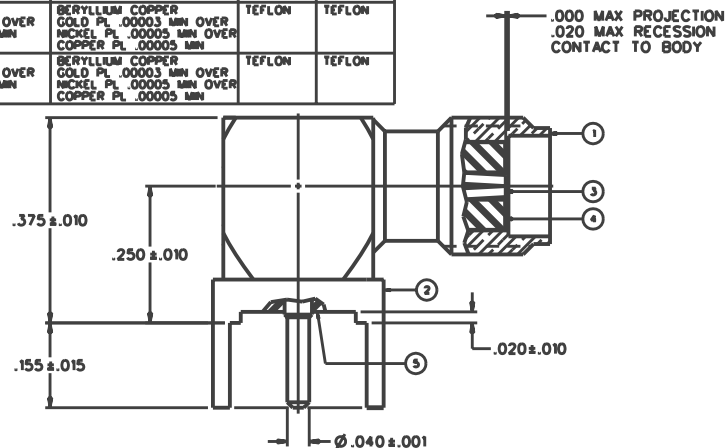


PART NUMBER	ITEM ① BODY	ITEM ② BASE	ITEM ③ CONTACT (ONE PIECE)	ITEM ④ INSULATOR	ITEM ⑤ INSULATOR
142-0701-321	BRASS GOLD PL .00001 MIN OVER NICKEL PL .00005 MIN OVER COPPER PL .00005 MIN	BRASS GOLD PL .00001 MIN OVER NICKEL PL .00005 MIN OVER COPPER PL .00005 MIN	BERYLLIUM COPPER GOLD PL .00005 MIN OVER NICKEL PL .00005 MIN OVER COPPER PL .00005 MIN	TEFLON	TEFLON
142-0701-326	BRASS NICKEL PL .0001 MIN OVER COPPER PL .00005 MIN	BRASS NICKEL PL .0001 MIN OVER COPPER PL .00005 MIN	BERYLLIUM COPPER GOLD PL .00005 MIN OVER NICKEL PL .00005 MIN OVER COPPER PL .00005 MIN	TEFLON	TEFLON
142-0701-327	BRASS NICKEL PL .0001 MIN OVER COPPER PL .00005 MIN	BRASS NICKEL PL .0001 MIN OVER COPPER PL .00005 MIN	BERYLLIUM COPPER GOLD PL .00005 MIN OVER NICKEL PL .00005 MIN OVER COPPER PL .00005 MIN	TEFLON	TEFLON



MOUNTING HOLE LAYOUT

NOTES:

1. SPECIFICATIONS:

IMPEDANCE: 50 OHMS
 FREQUENCY RANGE: 0.5-18 GHZ
 VSWR: NOT APPLICABLE
 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 3.0 MILLIOHM MAX, AFTER ENVIRONMENTAL 4.0 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: NOT APPLICABLE
 RF LEAKAGE: NOT APPLICABLE
 RF HIGH POTENTIAL WITHSTANDING VOLTAGE: 670 VRMS AT 4 AND 7 MHZ MIN

MECHANICAL:

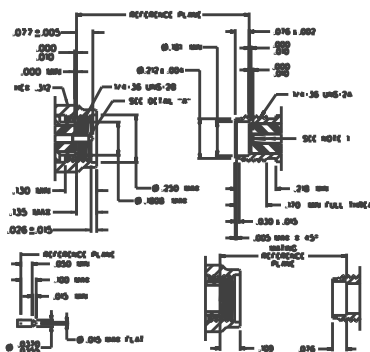
ENGAGE/DISENGAGE TORQUE: 2 INCH-POUNDS MAX
 MATING TORQUE: 7-10 INCH POUNDS
 COUPLING PROOF TORQUE: 15 INCH-POUNDS MIN
 COUPLING NUT RETENTION: NOT APPLICABLE
 CONTACT RETENTION: 6 LBS MIN AXIAL FORCE
 CABLE ACCEPTABILITY: NOT APPLICABLE
 CABLE HEX CRIMP SIZE: NOT APPLICABLE
 CABLE RETENTION: NOT APPLICABLE
 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 85 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

WIRING DIAGRAM FOR 800 SERIES THERMAL PLUS COMPATIBLE WITH MIL-C-39012

1. 10 TO 1001 VSWR, CONTACT RESISTANCE AND RECEPTION SENSITIVITY, FORCES WOULD BE WITH A 90-0.000-0.010 PUL



DRAWING NO.
C - 142-0701-321/330

0 REVISIONS

ENGINEERING RELEASE

2 3-16-92 R J B 3-20-90

ADDED: P/N 142-0701-327

CHANGED: RF 1424 POT 4 AND 7

3 3-18-93 R J B 3-25-93

ADDED: CONTACT LOCATION

4 3-18-93 R J B 3-25-93

VERSION UPDATE

40 3-10-94 R J B 3-20-94

UPDATED GRAPHICS

5 11-7-94 R J B 11-10-94

CHANGED: UPDATED GRAPHICS

50 9-22-97 R J B 9-25-97

VERSION UPDATE

* REVISION NUMBER FOLLOWED BY AN ALPHA

* CHARACTER INDICATES DRAWING CLARIFICATION OR PART NUMBER ADDITION ONLY.

50 3-20-01 R J B 3-20-01

ECN 47504

CUSTOMER DRAWING

THIS DRAWING TO BE INTERPRETED PER ANSI Y 14.3M - 1982

"μ STATION"

COMPANY CONFIDENTIAL

TOLERANCE UNLESS OTHERWISE SPECIFIED	DRAWN BY	DATE	JOHNSON	299 Johnson Ave.
DECIMALS	RJB	2-5-92	Component	P.O. Box 1732
.XX	CHECKED BY	DATE	TITLE	Waseca, MN 56093-0832
.XXX	APPROVED BY	DATE	JACK ASSEMBLY,	
.XXX	RJB	3-16-92	RA PC MOUNT	
MAIL	APPROVED BY	DATE	SMA	
FINISH	RELEASE DATE	3-20-92	CODE NO.	DRAWING NO.
			C - 142-0701-321/330	
			SCALE 7:1	UN INCH
			SHEET 2 OF 2	