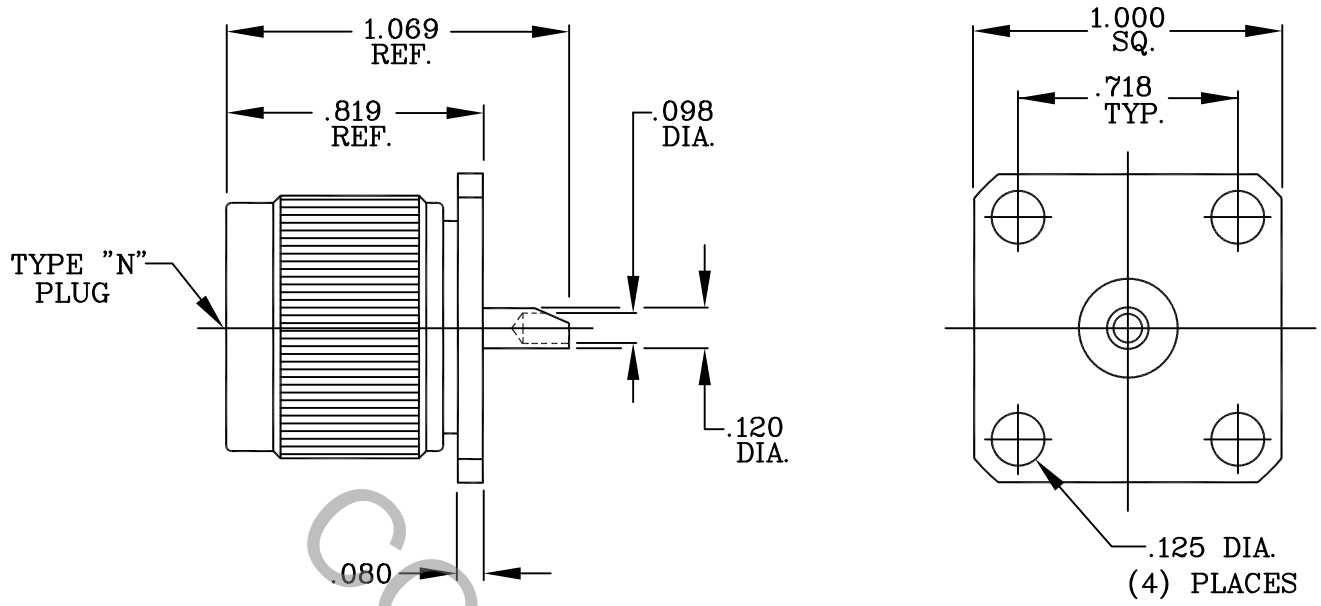
SPECIFICATION CONTROL DRAWING



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1. MATING INTERFACE DIMENSIONS PER TYPE "N", PLUG PER MIL-STD-348 (Fig. 304-1).

2. ELECTRICAL

FREQUENCY RANGE GHz	DC TO 10 GHz.
VSWR (MAX.) ❋	N/A
INSERTION LOSS (dB MAX.) ❋	N/A
NOMINAL IMPEDANCE (OHMS)	50
VOLTAGE RATING (MAX. VRMS)	750
RF LEAKAGE (MIN. dB DOWN)	75 dB - FGHz.
TEMPERATURE RATING (DEGREES CENTIGRADE)	-65° c TO +165° c
DIELECTRIC WITHSTANDING VOLTAGE (MAX. VRMS)	2,500
INSULATION RESISTANCE (MIN. MEGOHMS)	10,000
CONTACT RESISTANCE	
• CENTER CONTACT (MAX. MILLIOHMS)	2.0
• OUTER CONTACT (MAX. MILLIOHMS)	3.0

❋ TERMINATED IN A 50 OHM LOAD

RoHS
COMPLIANT

REV.	DCN NO.	DATE	APP.
–	1036	11/93	M.B.
AA	04-1928	8/6/04	DC

DIMENSIONS ARE IN INCHES
TOLERANCES
DECIMALS: .X ±.030, .XX ±.010, .XXX ±.005
FRACTIONAL: ±1/64
ANGULAR: X° ±1°0', X°.X ±15'
SURFACE ROUGHNESS 63 √ MIL-STD 10.

dynawave INCORPORATED
HAVERHILL, MA. 01835

DRAWN M.B. DATE 11/93
APPROVED DGG DATE 11/93

TITLE: TYPE "N", PLUG
4 HOLE SQ. FLANGE
CAPTURED CONTACT
SOLDER POT

CODE IDENT. 2J899
SHEET 1 OF 2
DWG. NO. 7454-0022-2760

SPECIFICATION CONTROL DRAWING

3. MECHANICAL

CAPTIVATION–CENTER CONTACT	
• MIN. AXIAL FORCE	6.0 LBS.
• MIN. RADIAL TORQUE	N/A
CONNECTOR ENGAGEMENT FORCES	
• INSERTION (MAX. OUNCES)	N/A
• WITHDRAWAL (MIN. OUNCES)	N/A
CONNECTOR DURABILITY (MIN. MATING)	500
RECOMMENDED MATING TORQUE	10–15 INCH LBS.

4. ENVIRONMENTAL

TEMPERATURE CYCLING	MIL–STD–202, METHOD 102, COND. C (–65 ° c TO + 165 °c)
SHOCK	MIL–STD–202, METHOD 213, COND. I (100 G's)
VIBRATION	MIL–STD–202, METHOD 204, COND. D (20 G's)
MOISTURE RESISTANCE	MIL–STD–202, METHOD 106, LESS STEP 7b
CORROSION	MIL–STD–202, METHOD 101, COND. B (48 HOURS)
BAROMETRIC PRESSURE (ALTITUDE)	MIL–STD–202, METHOD 105, COND. C (70,000 FT.) (625 VRMS)

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5. MATERIAL

CONNECTOR BODY & COUPLING NUT	BRASS PER QQ–B–626, 1/2 HARD, ALLOY 360.
CENTER CONTACT & RETAINING RING	BERYLLIUM COPPER PER ASTM–B–196,COPPER ALLOY UNS–C–17300, TEMPER TD04
INSULATOR	TEFLON PER ASTM D 4894–91
GASKET	SILICONE RUBBER PER ZZ–R–765, CLASS IIB, GRADE 50 OR 60

6. FINISH

CONNECTOR BODY & COUPLING NUT	NICKEL PER QQ–N–290
CENTER CONTACT	GOLD PER MIL–G–45204, TYPE II, GRADE C, CLASS 2 (.000010 MIN.) OVER NICKEL PER QQ–N–290, CLASS 1 (.00010 MIN.) OVER COPPER PER MIL–C–14550 (.000010 MIN.)
INSULATOR, GASKET & RETAINING RING	N/A