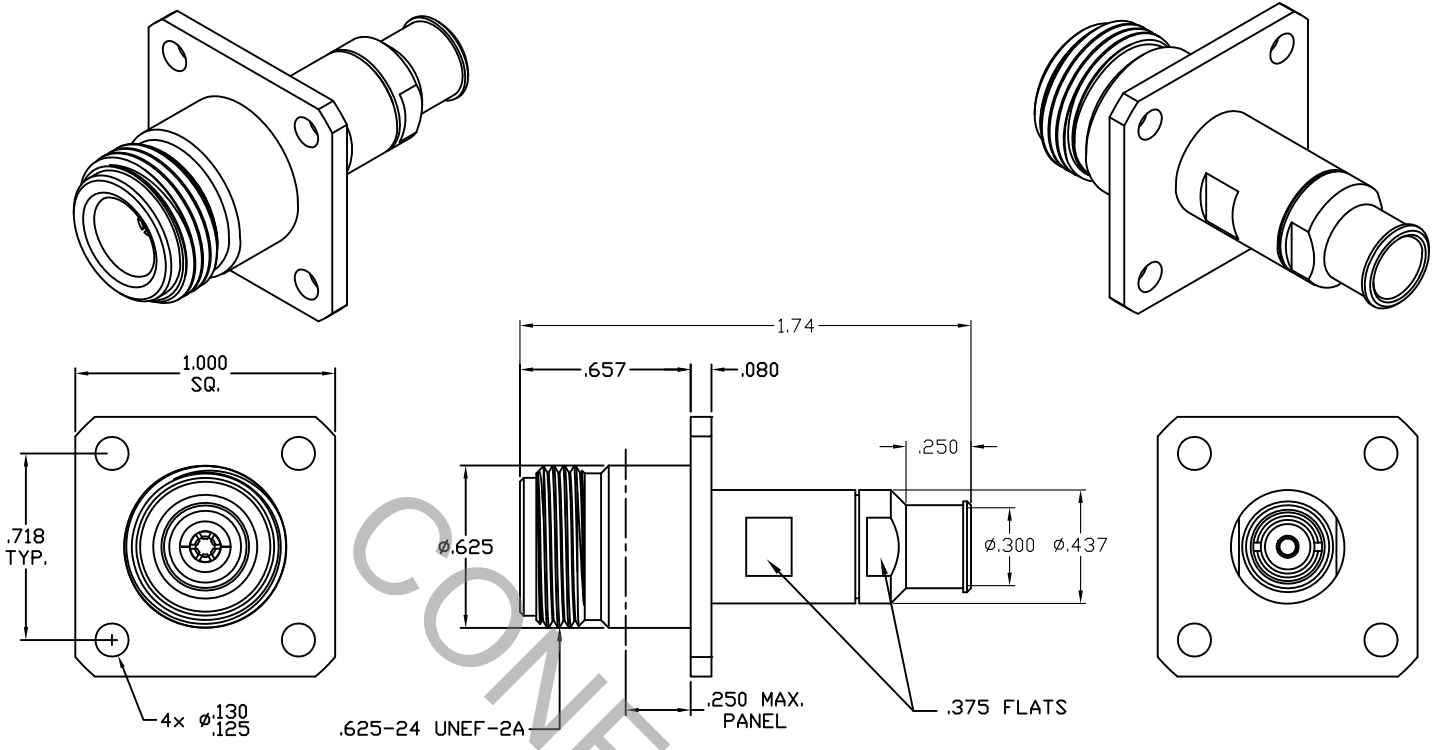


SPECIFICATION CONTROL DRAWING



1. MATING INTERFACE DIMENSIONS Per MIL-STD-348 Fig. 304.2 (N JACK).

2. ELECTRICAL

FREQUENCY RANGE GHz	_____	DC TO 18.0 GHz
VSWR (MAX) *	_____	1.07 + .007 x FGHz
INSERTION LOSS (dB MAX) *	_____	.05 dB x $\sqrt{\text{FGHz}}$
NOMINAL IMPEDANCE (OHMS)	_____	50
VOLTAGE RATING (MAX. VRMS)	_____	500
RF LEAKAGE (MIN. dB DOWN)	_____	-100 dB - FGHz
TEMPERATURE RATING (DEGREES CENTIGRADE)	_____	-65°C TO + 165°C
DIELECTRIC WITHSTANDING VOLTAGE (MAX. VRMS)	_____	1,500
INSULATION RESISTANCE (MIN. MEGOHMS)	_____	5,000
CONTACT RESISTANCE		
• CENTER CONTACT (MAX. MILLIOHMS)	_____	1.5
• OUTER CONTACT (MAX. MILLIOHMS)	_____	2.0

* TERMINATED IN A 50 OHM LOAD

This Document contains proprietary and confidential information.

RoHS
COMPLIANT

REV.	DCN NO.	DATE	APP.	DIMENSIONS ARE IN INCHES TOLERANCES			CABLE INCORPORATED HAVERHILL, MA 01835
				DECIMALS	FRACTIONAL	ANGULAR	
AA	13-1932	6/28/13	DC	.X ± .030 .XX ± .010 .XXX ± .005	± 1/64	X ° ± 1° 0'	TITLE N JACK, 4-HOLE FLANGE SOLDER CLAMP, PLUG-IN CONTACT, DF226W
AB	15-1545	4/8/15	DC				
				DRAWN RMS	DATE	6/28/13	DWG. NO. 7554-226W-6240
				APPROVED DC	DATE	6/28/13	
				CODE IDENT. 6DZL5	SHEET 1 OF 2		

SPECIFICATION CONTROL DRAWING

3. MECHANICAL

CAPTIVATION-CENTER CONTACT
 MAX AXIAL FORCE _____ 6.0 LBS.
 MAX RADIAL TORQUE _____ N/A
 CENTER CONTACT AXIAL FORCES
 ● INSERTION (MAX OUNCES) _____ INTERFACE 32.0
 ● WITHDRAWAL (MIN. OUNCES) _____ INTERFACE 2.0
 CONNECTOR ENGAGEMENT/DISENGAGEMENT (MAX. LBS.) _____ 2.0
 CONNECTOR DURABILITY (MIN. CYCLES) _____ 500
 RECOMMENDED MATING TORQUE _____ 10 - 15 IN. LBS.
 RECOMMENDED MOUNTING TORQUE _____ 25 - 28 IN. LBS.

4. ENVIRONMENTAL

THERMAL SHOCK _____ MIL-STD-202, METHOD 107, COND. B (-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.) (375 VRMS)

5. MATERIAL

BODY, CLAMP NUT, BUSHINGS & PRESS SLEEVE _____ STAINLESS STEEL PER ASTM A 582, TYPE 303, COND. A.
 SOLDER SLEEVE _____ BRASS PER ASTM-B-16, TEMPER H02, ALLOY C36000.
 CONTACTS _____ BERYLLIUM COPPER PER ASTM-B-196/B, 196M-03, COPPER ALLOY No. UNS-C17300, TEMPER TD04.
 INTERFACE INSULATOR _____ TEFLON PER ASTM-D-1710-02, TYPE 1, GRADE 1, CLASS B.
 REAR INSULATOR _____ CROSS LINKED POLYETHYLENE (400° F).
 O-RING _____ SILICONE RUBBER PER ZZ-R-765.

6. FINISH

BODY, CLAMP NUT, BUSHINGS & PRESS SLEEVE _____ PASSIVATE PER AMS-2700, TYPE 2, CLASS 4.
 CONTACTS _____ GOLD PER ASTM-B-488, TYPE I, CODE C, CLASS 0.75 (.000030 MIN. THK.) OVER NICKEL per SAE-AMS-QQ-N-290, CLASS 1 (.000050 MIN. THK.) OVER COPPER per AMS-2418 (.000010 MIN. THK.)
 SOLDER SLEEVE _____ GOLD PER ASTM-B-488, TYPE I, CODE C, CLASS 1.27 (.000050 MIN. THK.) OVER NICKEL per SAE-AMS-QQ-N-290, CLASS 1 (.000150 MIN. THK.) OVER COPPER per AMS-2418 (.000010 MIN. THK.)
 INSULATORS & O-RING _____ N/A