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**Electrical Characteristics**

Impedance: 50 Ohm nominal  
 Frequency range: 0-11 GHz  
 Working voltage: 500 volts RMS at sea level  
 Dielectric withstanding voltage: 1500 volts RMS at sea level  
 Corona level: 375 volts minimum at 70,000 feet  
 Contact resistance: Outer - 0.2 milliohms maximum  
 Center - 2.1 milliohms maximum  
 Insulation resistance: 5000 megohms minimum

**Environmental Characteristics**

Recommended temperature range: -55°C to +85°C  
 Moisture Resistance: MIL-STD-202

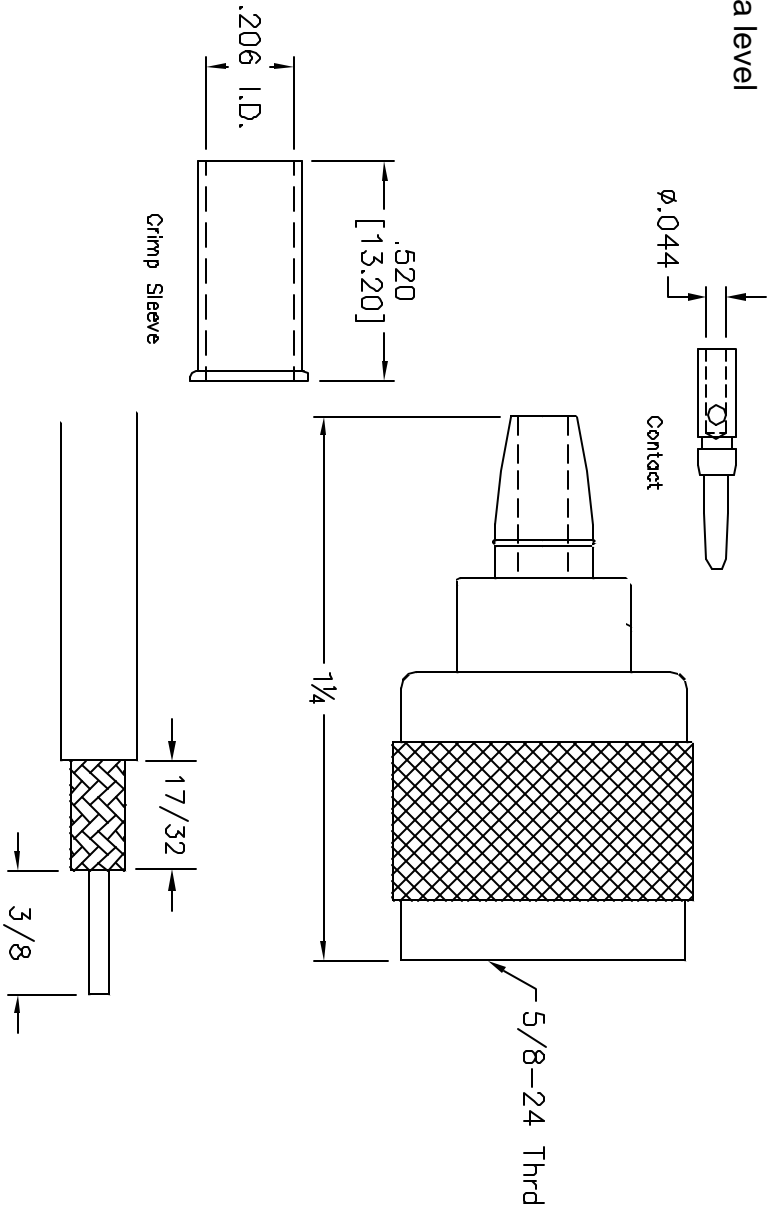
**Mechanical Characteristics**

Durability: 500 cycles

**Materials**

Body and coupling nut: Brass  
 Contact: Brass  
 Crimp Sleeve: Brass  
 Insulator: TPX  
 Gasket: Silicone Rubber  
 Plating: Body - Nickel  
 Crimp sleeve - Nickel  
 Contact - Gold

REVISONS		DOC. NO.	SPC-F005	Effective	12/21/98	DCP No.	480	
DCP #	REV	DESCRIPTION	DRAWN	DATE	CHECKD	DATE	APPRVD	DATE
A		RELEASED						
B		Redrawn & updated	JWM	3/8/02	JC	3/8/02	JC	3/8/02



DISCLAIMER  
 ALL STATEMENTS AND TECHNICAL INFORMATION CONTAINED HEREIN ARE BASED UPON INFORMATION AND/OR TESTS WE BELIEVE TO BE ACCURATE AND RELIABLE. SINCE CONDITIONS OF USE ARE BEYOND OUR CONTROL, THE USER SHALL DETERMINE THE SUITABILITY OF THE PRODUCT FOR THE INTENDED USE AND ASSUME ALL RISK AND LIABILITY WHATSOEVER IN CONNECTION THEREWITH.

UNLESS OTHERWISE SPECIFIED, DIMENSIONS ARE FOR REFERENCE PURPOSES ONLY.

DRAWN BY:	DATE:
JNS	11/2/87
CHECKED BY:	DATE:
APPROVED BY:	DATE:

**SPC TECHNOLOGY**

DRAWING TITLE: N Connector, Crimp Type Plug, 3 Piece

SIZE	DWG. NO.	ELECTRONIC FILE	REV
A	CPN-58	87N818.dwg	B
SCALE:	NTS	U.O.M.: INCHES [mm]	SHEET: 1 OF 1