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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

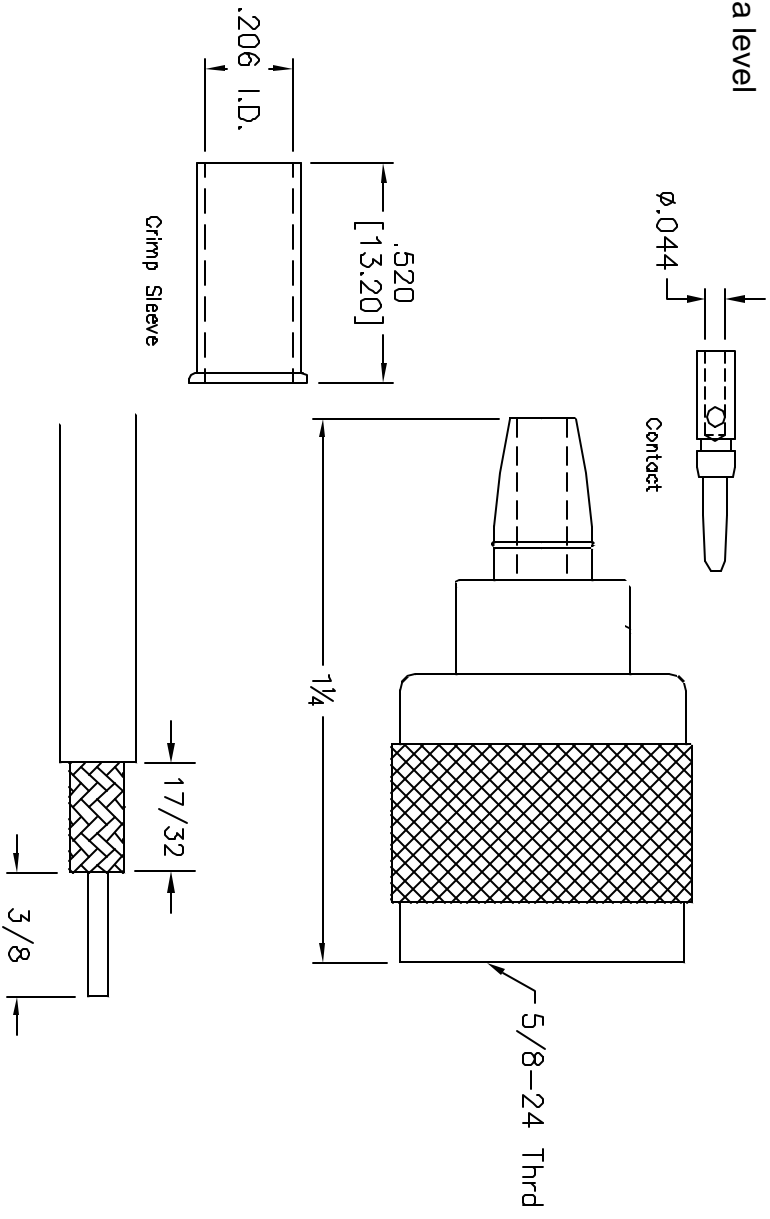
Mechanical Characteristics

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

REVISIONS				DOC. NO.	SPC-F005	Effective	12/21/98	Doc No.	480
DCP #	REV	DESCRIPTION	DRAWN	DATE	CHECKD	DATE	APPRVD	DATE	
	A	RELEASED							
366	B	Redrawn & updated	JWM	3/6/02	JC	3/8/02	JC	3/8/02	



Recommended Stripping for RG-58 Cable
18 AWG (.043) - Jacket O.D. .185~.205 - Hex Size .213



SPC TECHNOLOGY

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.

DRAWING TITLE:

N Connector, Crimp Type Plug, 3 Piece

SIZE DWG. NO.

A CPN-58

ELECTRONIC FILE

87N818.dwg

REV

B

SCALE: NTS

U.O.M.: INCHES [mm]

SHEET: 1 OF 1