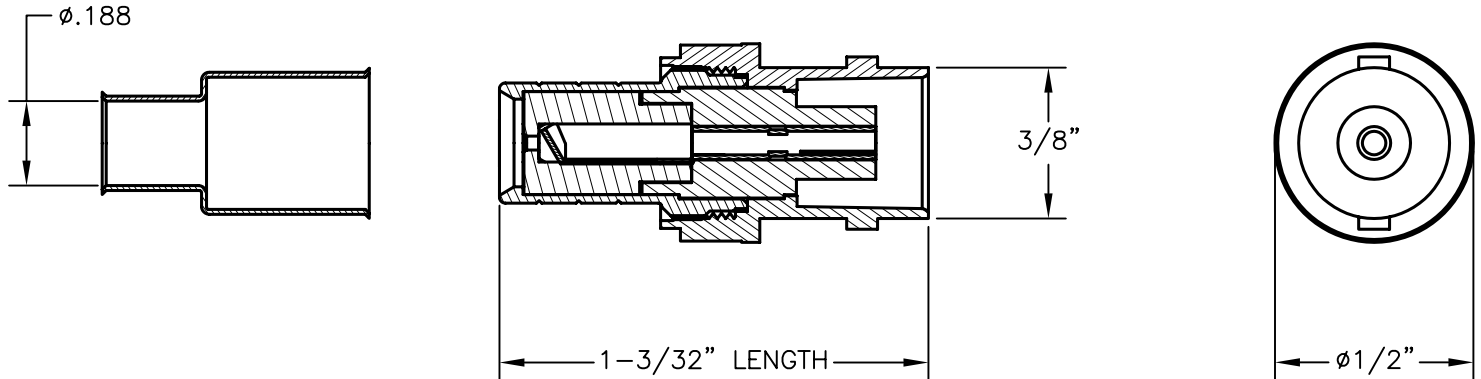


DCP #	REV	DESCRIPTION	DRAWN	DATE	CHECKD	DATE	APPRVD	DATE
755	B	REDRAW	SAS	06/29/99	J.C.	07/07/99	J.C.	07/07/99
1855	C	Assy Instructions added	JWM	3/6/06	HO	3/6/06	HO	3/6/06



Specifications

Electrical Characteristics

- Impedance: 50 ohms nominal
- Frequency Range: 0~4 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

- Temperature Range: -55°C to 85°C
- Moisture Resistance: MIL-STD-202

Mechanical Characteristics

- Durability: 500 cycles
- Force to Engage/Disengage: 3 lbs maximum

Materials

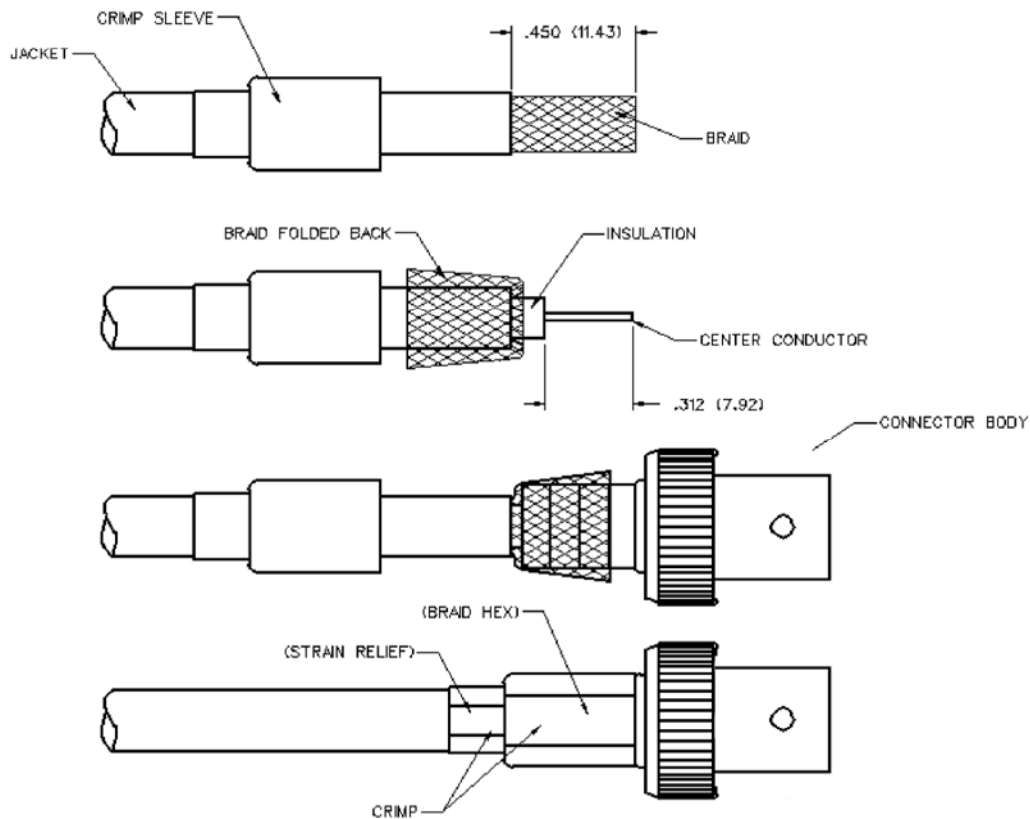
- Body: Zinc, Nickel Plated
- Contact: Brass, Gold plated
- Insulator: TPX
- Spring Washer: Beryllium Copper
- Crimp Sleeve: Brass, Nickel Plated

Cable

- RG-58, Solid center conductor
- 20AWG (.032)
- Jacket O.D.: .195 ~ .210

SPC-F004.DWG

TOLERANCES: UNLESS OTHERWISE SPECIFIED, DIMENSIONS ARE FOR REFERENCE PURPOSES ONLY.	DRAWN BY:	DATE:	DRAWING TITLE:			
	J. COLE	08/08/91	BNC FEMALE JACK CRIMP-ON FOR RG-58			
	CHECKED BY:	DATE:	SIZE	DWG. NO.	ELECTRONIC FILE	REV
	APPROVED BY:	DATE:	A	CP89-1	44N3642.DWG	C
SCALE: NTS			U.O.M.: INCHES		SHEET: 1 OF 2	



1. Identify connector parts. (2 piece parts)
 2. Slide crimp sleeve over cable and strip cable jacket to dimension shown. Do not nick braid or center conductor during strip operations.
 3. Flair braid and fold back. Strip cable insulation to dimension shown. Do not nick center conductor.
 4. Insert center conductor into the guide hole found in the rear of the connector body. Push or twist the body onto the center conductor until the cable insulation butts up to the body.
 5. Arrange braid uniformly around crimp stem. Slide crimp sleeve over braid and crimp securely.
- Braid Hex Crimp: .320
 - Strain relief Crimp: .211

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SPC-F004.DWG

SIZE DWG. NO.

A

CP89-1

ELECTRONIC FILE

44N3642.dwg

REV

C

DOC. NO. SPC-F004 * Effective: 7/8/02 * DCP No: 1398

SCALE: NTS

U.O.M.: INCHES [mm]

SHEET: 2 OF 2