

NOTES:

INTERFACE AND ENVIRONMENTAL REQUIREMENTS
CONFORM TO MIL-PRF-39012 & MIL-STD-348 TYPE "N" SERIES

ELECTRICAL SPECIFICATIONS:

FREQUENCY RANGE (GHz): DC TO 10 GHz

VSWR (MAX.): 1.25:1, DC TO 6 GHz

1.50:1, 6 TO 10 GHz

INSERTION LOSS: .05 X $\sqrt{f}$ GHz

NOMINAL IMPEDANCE: 50 OHMS

POWER HANDLING: 600 W MAX.

CONTACT RESISTANCE: <2.0 milliohms

INSULATION RESISTANCE: 5K Megohms MIN.

DIELECTRIC WITHSTANDING VOLTAGE: 2,500 V

MECHANICAL & ENVIRONMENTAL SPECIFICATIONS:

TEMPERATURE RATING: -65°C to +105°C

MATING CYCLES: 100

MATING TORQUE: 12 - 15 IN./LBS.

MATERIALS:

BODY, COUPLING NUT, & CONTACT: BRASS 1/2 HARD PER
ASTM-B-16

INSULATOR: VIRGIN WHITE TEFLON PER ASTM-D-1710

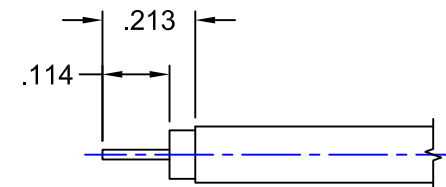
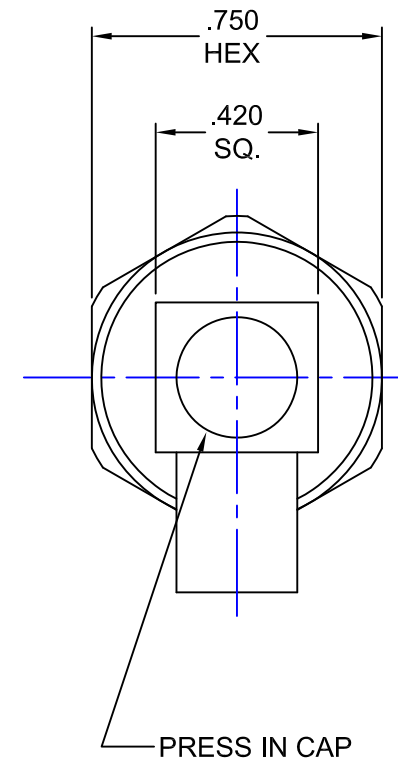
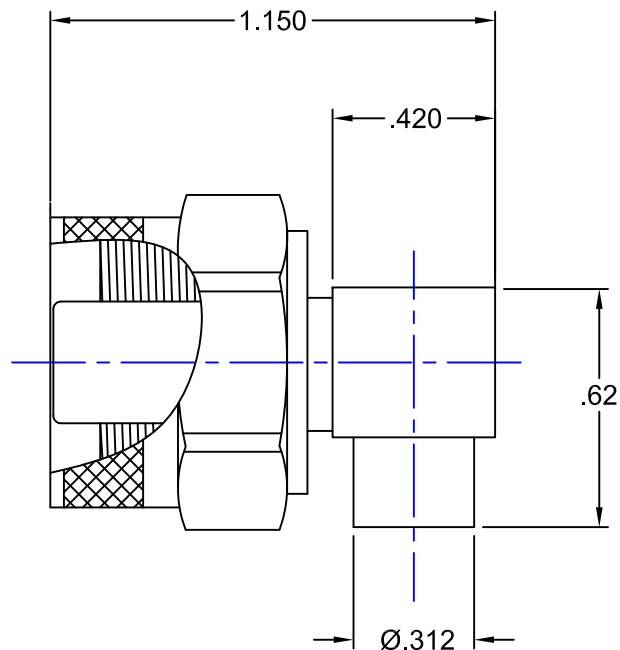
RETAINING RING: BERYLLIUM COPPER PER ASTM-B-196B

GASKET: SILICONE RUBBER PER ZZ-R-765

FINISHES:

COUPLING NUT: NICKEL PLATE PER QQ-N-290

CONTACT & BODY : GOLD PLATE PER MIL-G-45204



RECOMMENDED
TRIM DIMENSION

APPD.	EW	
DATE	8/28/13	
BY	EW	
DATE	8/28/13	
DESCRIPTION	ECN#9909, REDRAWN & UPDATED NOTES	
REV.	B	

UNLESS OTHERWISE SPECIFIED:

DIMENSIONS ARE IN INCHES:
TOLERANCES:

DECIMALS: 2-PLACE $\pm .010$ 3-PLACE $\pm .005$ FRACTIONS: $\pm 1/64$ ANGLES: $\pm 3^\circ$

MATERIAL:

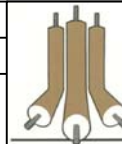
SEE NOTES

FINISH:

SEE NOTES

DRAWN DATE 8/28/13 CHECKED DATE 8/28/13
EW AT

APPROVED DATE 8/28/13 SHEET 1 OF 1
JAB



**EZ Form Cable
Corporation**

285 Welton Street
Hamden, CT 06517

TITLE
TYPE "N" RIGHT ANGLE PLUG
FOR .250 SEMI-RIGID CABLE
DIRECT SOLDER

A	CODE IDENT. 9W826	701971-251	REV. B
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