

NOTES:

1. MATERIALS OF CONSTRUCTION

BODY, OUTER CONTACT & COUPLING NUT - BRASS, SILVER PLATING
 CONTACT - BRASS, GOLD PLATED
 INSULATOR - PTFE
 GASKET - SILICONE RUBBER
 FERRULE - COPPER, SILVER PLATED
 RETAINING RING - PHOSPHOR BRONZE

2. SPECIFICATIONS:

ELECTRICAL:

IMPEDANCE: 50 OHMS
 FREQUENCY RANGE: 0-11 GHz
 VOLTAGE RATING: 1,500 VOLTS PEAK
 V.S.W.R.: 1.3 MAX. 0-11 GHz
 DIELECTRIC WITHSTANDING VOLTAGE: 2,500 VRMS
 INSULATION RESISTANCE: 5,000 MEGOHMS MIN.
 INSERTION LOSS: .15 dB MAXIMUM @ 10 GHz

MECHANICAL:

DURABILITY: 500 CYCLES MIN.
 CABLE RETENTION: 60 LBS. MIN.
 CENTER CONTACT RETENTION: 6 LBS. MIN.
 COUPLING TORQUE: 15 LB-IN (1.7 Nm)

ENVIRONMENTAL:

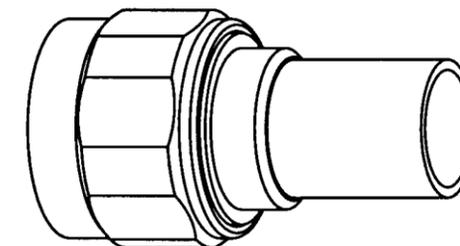
TEMPERATURE RANGE: -65° TO: +165° C

▷ INDICATES CABLE ENTRY DIMENSIONS.

4. CRIMP USING AMPHENOL TOOL 227-944 WITH DIE SET 227-1221-63, CAVITY 'A' (.429 HEX) FOR FERRULE, CAVITY 'B' (.116 HEX) FOR CONTACT OR AMPHENOL TOOL CTL-11 (.429 HEX) (.116 HEX).

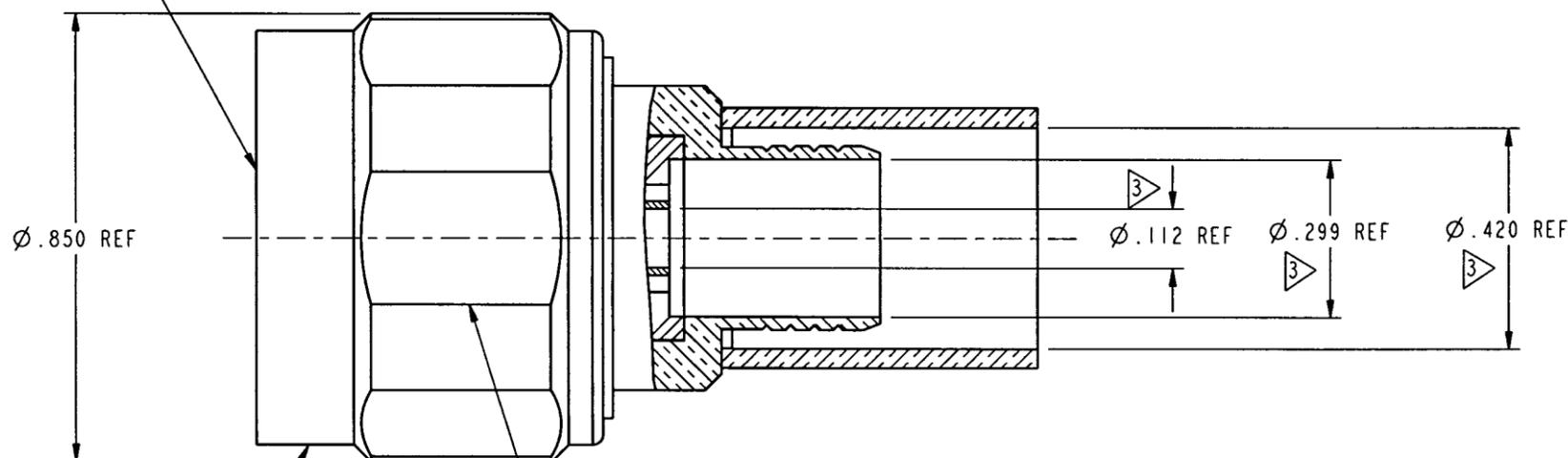
5. DO NOT SCALE THIS DRAWING.

82-6142-1000		REVISIONS			
DRAWING NO.	REV	DESCRIPTION	DATE	ECO	APPR
THIRD ANGLE PROJ.	A	RELEASE TO MFG.	3/29/00	43297	CPM

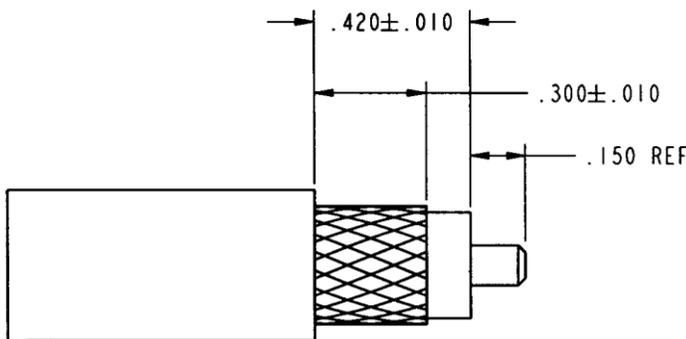


SCALE 1.500

INTERFACE PER MIL-STD-348A 304.1



STAMP "AMPHENOL 82-6142-1000 YYWW (DATE CODE)



RECOMMENDED CABLE STRIPPING DIMENSIONS SCALE 2.000

CUSTOMER OUTLINE DRAWING FOR REFERENCE ONLY

UNLESS OTHERWISE SPECIFIED, DIMENSIONS ARE IN INCHES AND TOLERANCES ARE: 2 PLACE DECIMAL ±.015 (0,381 mm) 3 PLACE DECIMAL ±.005 (0,127 mm) ANGLES ± 1°	MATERIAL	DRAWN C. McGRATH	DATE 21-Mar-00	TITLE 'N' PLUG CRIMP/CRIMP FOR TWB4001 CABLE	Amphenol Amphenol Corporation Communication and Network Products Division Danbury, CT U.S.A. 06810
	REFERENCE EAR# 967403-1 GEN# ASSYM35-N	ENGINEER G. ANTONINI	DATE 21-Mar-00		
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					SCALE: 3.0:1