

NOTES:

1. MATERIALS AND FINISHES:

- BODY & SLEEVE - BRASS, WHITE BRONZE PLATING (.000080" MIN.)
- OUTER CONTACT - SPRING COPPER ALLOY, WHITE BRONZE PLATING (.000080" MIN.)
- CONTACT - BRASS, GOLD PLATING (.000030" MIN.) OVER NICKEL (.000080" MIN.)
- FERRULE - COPPER ALLOY, WHITE BRONZE PLATING (.000080" MIN.)
- INSULATORS - PTFE

2. ELECTRICAL:

- A. IMPEDANCE: 50 OHM
- B. FREQUENCY RANGE: DC - 12.4 GHz
- C. VSWR: 0 - 6 GHz: 1.15 + .01 x F(GHz)

3. MECHANICAL:

- A. DURABILITY: 100 CYCLES MIN.
- B. TEMPERATURE RANGE: -55° C TO 85° C

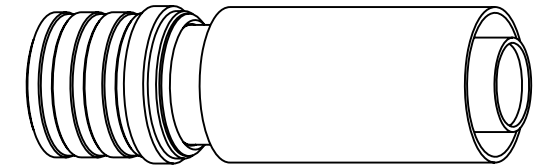
4. ASSEMBLY INSTRUCTIONS:

- A. TRIM CABLE AS SHOWN
- B. CRIMP CONTACT TO CABLE WITH AMPHENOL TOOL 227-944 AND DIE SET 227-1221-11, CAVITY 'B' (.068" HEX), OR TYCO TOOL 354940-1 AND DIE SET 220189-3 (.077" ROUND), OR TYCO TOOL 35490-1 AND DIE SET 91901-1, OR TYCO TOOL 69478-1.
- C. INSERT CABLE INTO CONNECTOR UNTIL IT BOTTOMS, WITH FOIL ENTERING CONNECTOR AND BRAID OVER REAR BODY
- D. CRIMP FERRULE OVER BRAID WITH AMPHENOL TOOL 227-944 AND DIE SET 227-1221-11, CAVITY 'A' (.213" HEX), OR TYCO TOOL 354940-1 AND DIE SET 220189-3 (.218" ROUND) OR TYCO TOOL 35490-1 AND DIE SET 91901-1, OR TYCO TOOL 69478-1.
- E. APPLY HEAT SHRINK TUBING OVER FERRULE

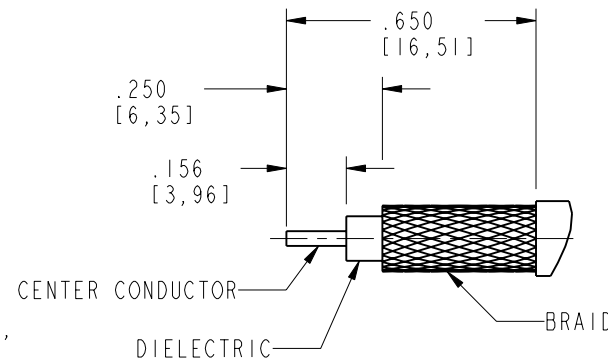
930-166P-51S

DRAWING NO. THIRD ANGLE PROJ.

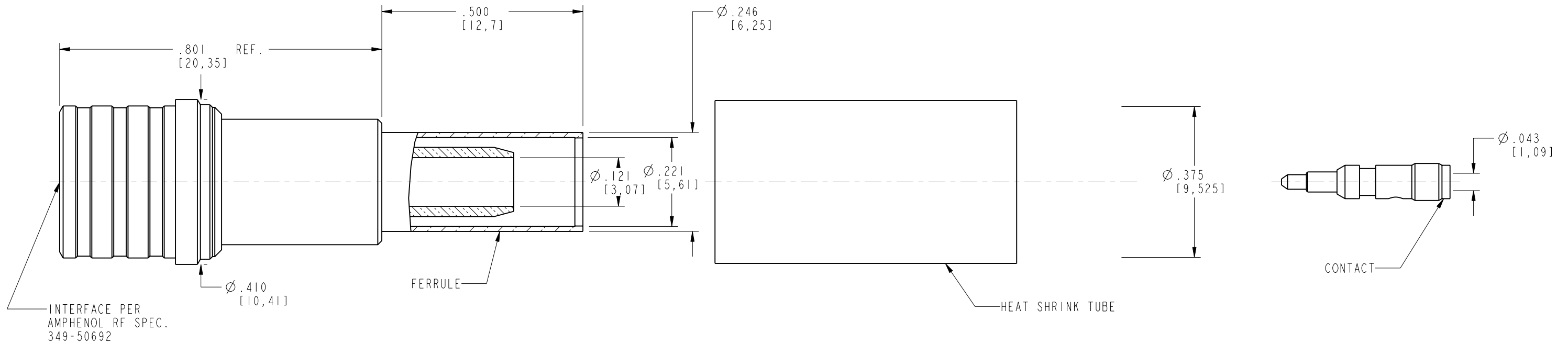
REV		DESCRIPTION	DATE	ECO	APPR
A		RELEASE TO MFG.	3/13/07	46375	MY
B		SEE SHEET 1	8/28/07	46722	TC



SCALE 2.000



**RECOMMENDED CABLE STRIPPING DIMENSIONS**



**CUSTOMER OUTLINE DRAWING**

ALL OTHER SHEETS ARE FOR INTERNAL USE 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°

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MATERIAL	DRAWN	DATE	TITLE
	M. YU	7/31/06	QMA (M) STRAIGHT PLUG, CRIMP/CRIMP TO RG-400
REFERENCE	ENGINEER	DATE	
EAR # 2146 615X-2294-100	M. YU	7/31/06	
	APPROVED	DATE	
	M. HOYACK	3/13/07	
	CAD FILE	CODE ID	DWG SIZE
	930-166P-51S	74868	B

DRAWING NO.	DATE	ECO	APPR
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DRAWING NO.	SCALE	SHEET
930-166P-51S	4.0:1	2 OF 2

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SCALE: 4.0:1	SHEET 2 OF 2