

NOTES:

## I. MATERIALS AND FINISHES:

BODY	-	STAINLESS STEEL	-	GOLD PLATED (.000030" MIN.)
COUPLING NUT	-	STAINLESS STEEL	-	PASSIVATED
RETAINING RING	-	BERYLLIUM COPPER		
GASKET	-	SILICONE RUBBER		

## 2. PHYSICAL:

OPERATING TEMPERATURE = -65°C to +165°C  
DURABILITY = 500 MATING CYCLES MINIMUM

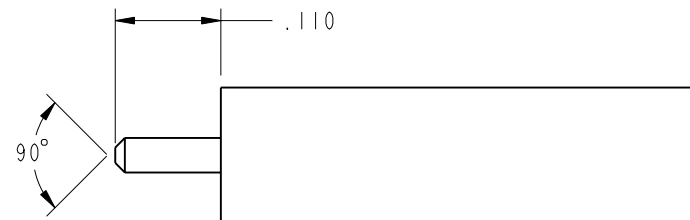
### 3. ELECTRICAL:

RETURN LOSS = 25 dB MINIMUM FROM DC TO 6.0 GHz  
PEAK VOLTAGE RATING = 1,000 VAC, 50/60 Hz  
INSULATION RESISTANCE = 5,000 MEGOHMS @ 500 VDC

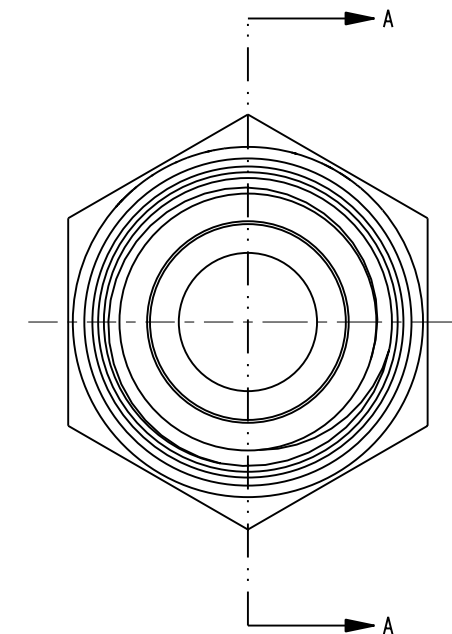
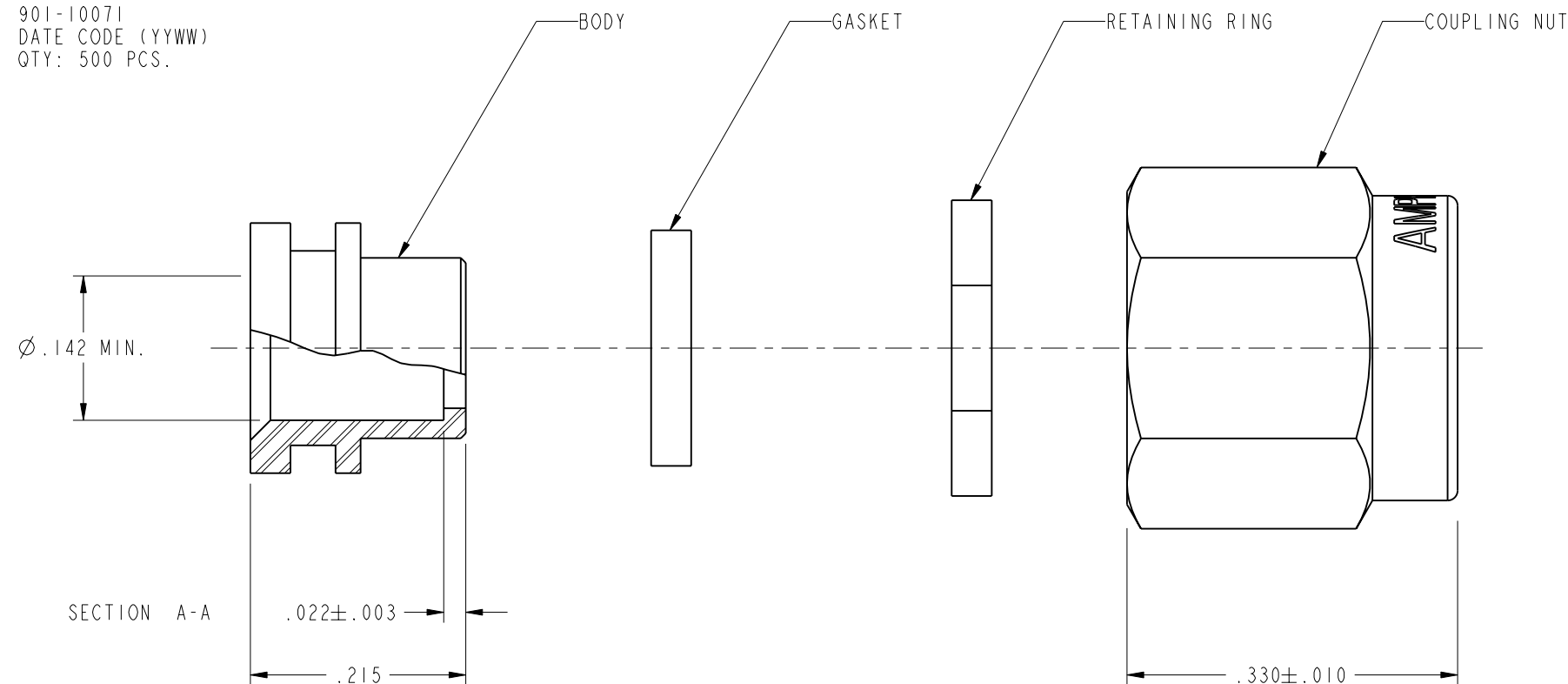
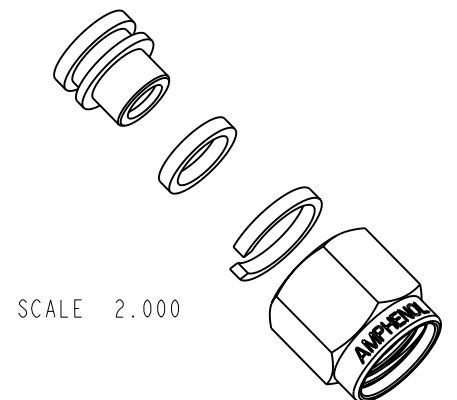
## 4. PACKAGING:

PACKAGE 500 PCS. PER BAG  
MARK OR TAG BAG: AMPHENOL  
901-10071  
DATE CODE (YYWW)  
QTY: 500 PCS.

901-10071		REVISIONS			
DRAWING NO.	REV	DESCRIPTION	DATE	ECO	APPR
THIRD ANGLE PROJ. 	A	RELEASE TO MFG.	7/31/02	44138	BCG
	B	ADD CABLE STRIPPING DIMS	10/31/02	44261	CPM



RECOMMENDED CABLE  
STRIPPING DIMENSIONS  
SCALE 5.000



# CUSTOMER OUTLINE DRAWING

ALL OTHER SHEETS ARE FOR INTERNAL USE ONLY

UNLESS OTHERWISE SPECIFIED, DIMENSIONS ARE IN INCHES AND TOLERANCES ARE: 2 PLACE DECIMAL      3 PLACE DECIMAL      ANGLES $\pm .015$ (0,381 mm) $\pm .005$ (0,127 mm) $\pm 1^\circ$	MATERIAL  REFERENCE 615X-1772-100  EAR# 521 GEN# ASSYM35_SMA	DRAWN B.C. GLEISSNER  ENGINEER B.C. GLEISSNER  APPROVED O. BARTHELMES  CAD FILE 901-10071	DATE 14-Feb-02  DATE 14-Feb-02  DATE 7/31/02	TITLE SMA PLUG, DIRECT SOLDER FOR $\varnothing .141$ SEMI-RIGID or $\varnothing .141$ CONFORMABLE CABLE	Amphenol Amphenol Corporation Communication and Network Products Division Danbury, CT U.S.A. 06810  SCALE: 6.0:1      SHEET      2 OF 2	CODE ID 74868	DWG SIZE B	DRAWING NO. 901-10071	REV B
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# Mouser Electronics

Authorized Distributor

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