

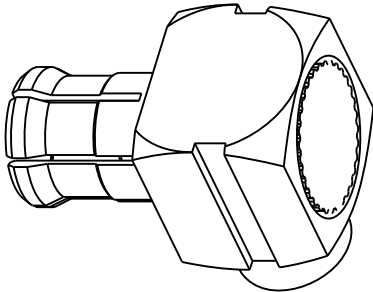
NOTES:

1. MATERIALS OF CONSTRUCTION:
HOUSING = BRASS, GOLD PLATED (.000003 MIN THICK)
BODY = BERYLLIUM COPPER, GOLD PLATED (.000003 MIN THICK)
CONTACT PIN = BRASS, GOLD PLATED (.000030 MIN THICK)
COVER = BRASS, GOLD PLATED (.000003 MIN THICK)
INSULATOR = TEFLON PER MIL-P-19468
INSULATOR = DELRIN, COLOR NATURAL
2. ELECTRICAL DATA:
VSWR = 1.05 MAX TO 1 GHz
1.30 MAX TO 6 GHz
INSERTION LOSS = .05 dB MAX TO 1 GHz
(MATED PAIR) = .15 dB MAX TO 6 GHz
3. CONTACT AND FRONT INSULATOR WITHSTANDS 2.3 LBS AXIAL FORCE
IN BOTH DIRECTIONS BEFORE ASSEMBLING REAR INSULATOR AND CAP.
4. CABLE ASSEMBLY INSTRUCTIONS:
A. TRIM CABLE AS SHOWN
B. INSERT CABLE INTO BODY UNTIL IT BOTTOMS
C. SOLDER CABLE OUTER CONDUCTOR TO BODY
D. SOLDER CABLE CENTER CONDUCTOR TO CONTACT, THE SOLDER
MUST NOT PROTRUDE ABOVE THE CENTER CONTACT END SURFACE
E. ORIENT REAR INSULATOR SLOT WITH CABLE DIELECTRIC AND INSERT TO DIMENSION SHOWN
F. INSERT CAP UNTIL FLUSH WITH SURFACE OF BODY, INSERTION TOOLING
MUST ENSURE THAT CAP SURFACE IS PARALLEL TO BODY SURFACE
5. PACKAGING:
A. BULK PACK AS FOLLLOWS:
100 PCS (CONNECTORS) PER BAG,
100 PCS (REAR INSUTLATOR) PER BAG
100 PCS (CAP) PER BAG
ALL 3 BAGS INTO 1 BAG
B. MARK BAG OR TAG "919-177P-71AX YYWW"

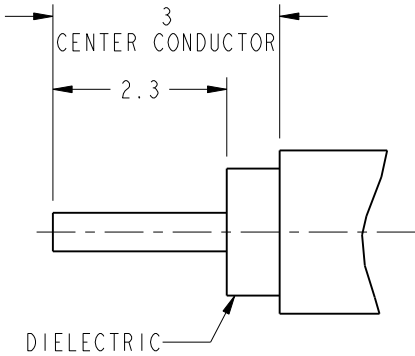
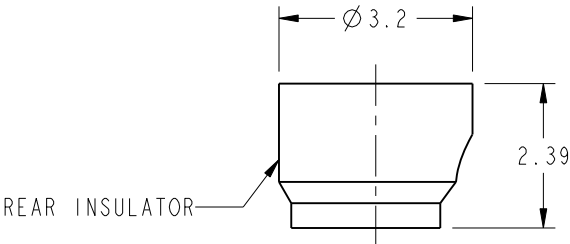
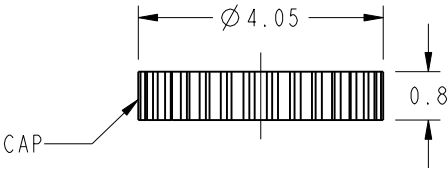
THIRD ANGLE PROJ.

REVISIONS

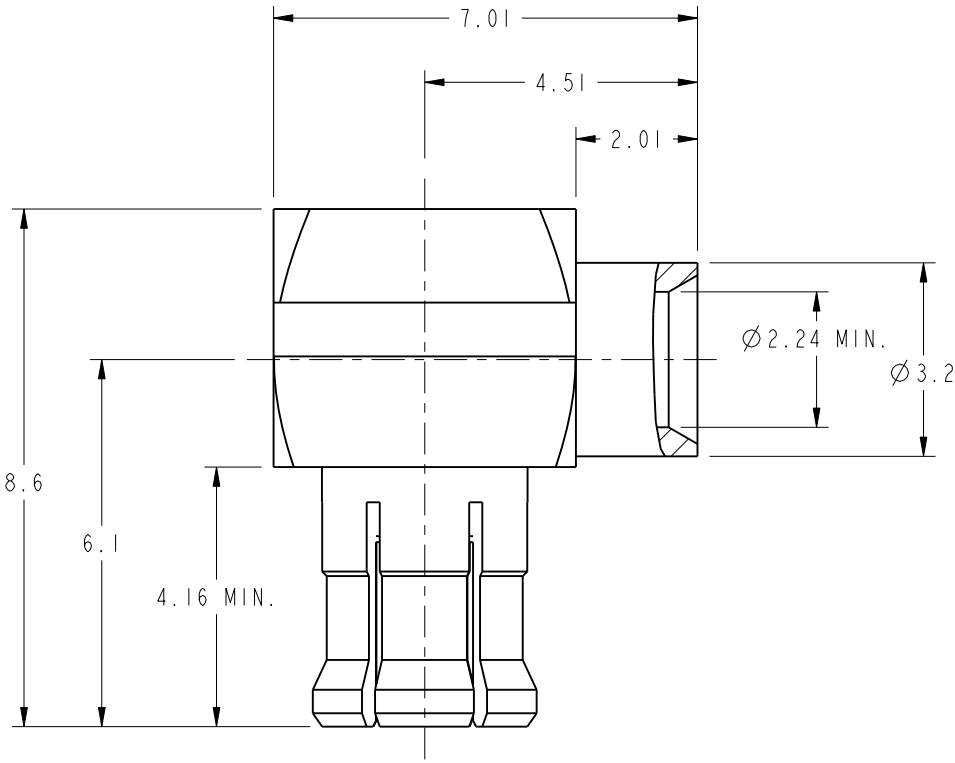
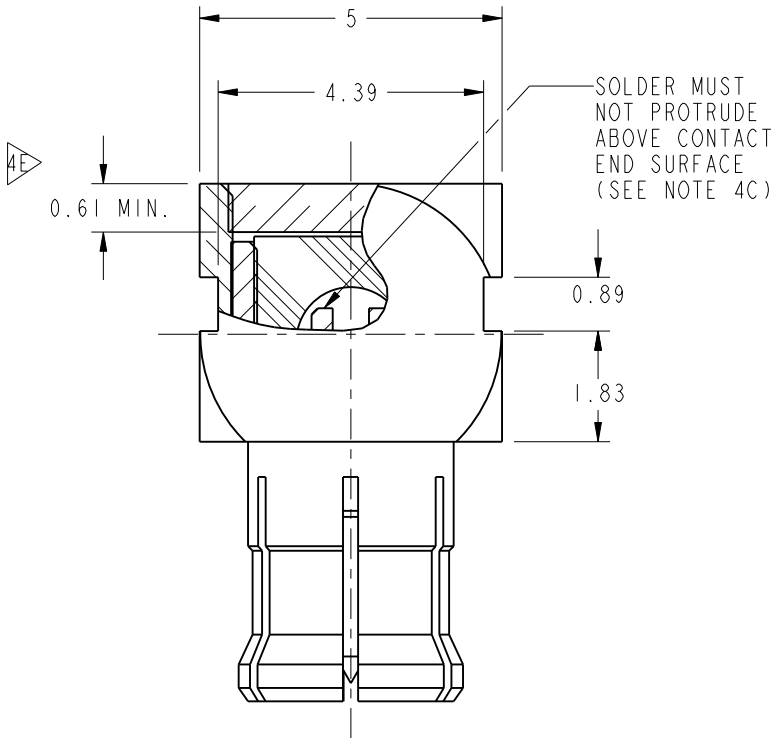
REV	DESCRIPTION	DATE	ECO	APPR
A	HOUSING WAS CHANGED	22-Sep-03	--	SHALY
B	BODY AND INSULATOR WERE CHANGED	04-Jan-06	--	SH
C	INSULATOR WAS CHANGED	11-Jan-08	--	AW
D	BODY WAS CHANGED	7/15/09	--	SH
E	UPDATED DRAWING TO SYNC	13-Dec-10	48371	CPM
F	0.89 WAS 0.9, 1.83 WAS 2	21-Jun-12	49130	SH



SCALE 5.000



RECOMMENDED
CABLE STRIPPING DIM'S
SCALE 10.000



CUSTOMER OUTLINE DRAWING
ALL OTHER SHEETS ARE FOR INTERNAL USE ONLY

UNLESS OTHERWISE SPECIFIED, DIMENSIONS ARE IN METRIC AND TOLERANCES ARE: <0.5mm 0.5 - 6mm 6 - 30mm 30 - 120mm ANGLES ± 0.05mm ±0.1mm ±0.2mm ± 0.3mm ±1°	MATERIAL -	DRAWN T.DENG	DATE 21-Jun-12	TITLE MCX R/A DIRECT SOLDER PLUG 75 OHM (FOR .085", .086")	Amphenol RF www.amphenolrf.com			
		ENGINEER S.LI	DATE 21-Jun-12					
	REFERENCE EAR# 927 GEN# ASSYM18_MCX 615X-1914-100	APPROVED S.HSIEH	DATE 21-Jun-12				SCALE: 8.0:1.0	SHEET 2 OF 2
	FINISH	CAD FILE	DWG SIZE B				REV F	
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				ITEM NO. 919-177P-71AX				
				PART NO.919-177P-71AX				