

REVOSIONS			
REV	DESCRIPTION	DATE	
0	FIRST RELEASE	2015-6-1	

REFERENCE STANDARD	IEC61169-16	IEC61169-54	
1. ELECTRIC PERFORMANCE			
NOMINAL IMPEDANCE(Ω)	50		
FREQUENCY RANGE	DC-6GHz		
VSWR	≤ 1.05 (DC-3GHz)		
	≤ 1.1 (3-6GHz)		
PIM(dBc)	≤ -166 (2*43dBm)		
INSERT LOSS(dB)	≤ 0.05 (3GHz)		
INSULATION RESISTANCE(M Ω)	≥ 5000		
PROOF VOLTAGE(V)	2500		
CONTACT RESISTANCE(m Ω)	OUTER CONDUCTOR<0.1(4.3/10)	<0.4(N)	
	INNER CONDUCTOR<1.0(4.3/10)	<0.8(N)	
2. MECHANICAL PERFORMANCE			
MATING CYCLE	500		
NUT TORQUE	<5N.m		
RETENTION	≥ 0.56 N		
3. MATERIAL AND PLATING			
INNER CONDUCTOR	SPRING COPPER	Ag5 μ m	
OUTER CONDUCTOR	BRASS	COPPER TIN-ZINC2 μ m	
NUT	BRASS	COPPER TIN-ZINC2 μ m	
INSULATOR	PTFE		
4. ENVIRONMENT			
TEMP.RANGE	-40 $^{\circ}$ C~+85 $^{\circ}$ C		
WEATHER STANDARD	IEC 60068 40 /085/21		
THERMAL SHOCK	IEC 60068 -2-14-Na		
VIBRATION	IEC 60068-2-6-Fc		
SHOCK	IEC 60068-2-27		
SALTSPRAY	96HOURS		
ROHS COMPLIANT			

DRAWN	TITLE			Amphenol		
WUYUNYA	4.3/10M-NF			AMPHENOL FUYANG CO.,LTD CHANGZHOU, CHINA		
CHECKED				DRAWING NO.	VER	REV
QIANBO				AFS-CZ135-10	0	0
APPROVED	SHEET	SCALE	METRIC	PART NO.		
XUYIMING	1/1	2/1	mm	AFCZ135-10		