

NOTES:

1. MATERIALS AND FINISHES (PLATING THICKNESS IN MICRO-METER):
BODY: STAINLESS STEEL 303, PASSIVATION (2.92 FEMALE)
BERYLLIUM COPPER, GOLD PLATING (MINI SMP FEMALE)
CONTACT: BERYLLIUM COPPER, GOLD PLATING
INSULATOR: PEI, NATURAL
CABLE: FSB-230, GRAY FEP JACKET (Ø2.4)

2. ELECTRIC PERFORMANCE
A. NOMINAL IMPEDANCE: 50 Ω
B. FREQUENCY RANGE: DC TO 40 GHz
C. VOLTAGE RATING: 200V(rms)
D. VSWR: 1.6 MAX.
E. INSERTION LOSS: 2.0 dB MAX.
F. INSULATION RESISTANCE: 1000 MΩ MIN.
G. DIELECTRIC WITHSTANDING VOLTAGE: 335 V (DC)
H. RF-LEAKAGE: 90 dB MIN.

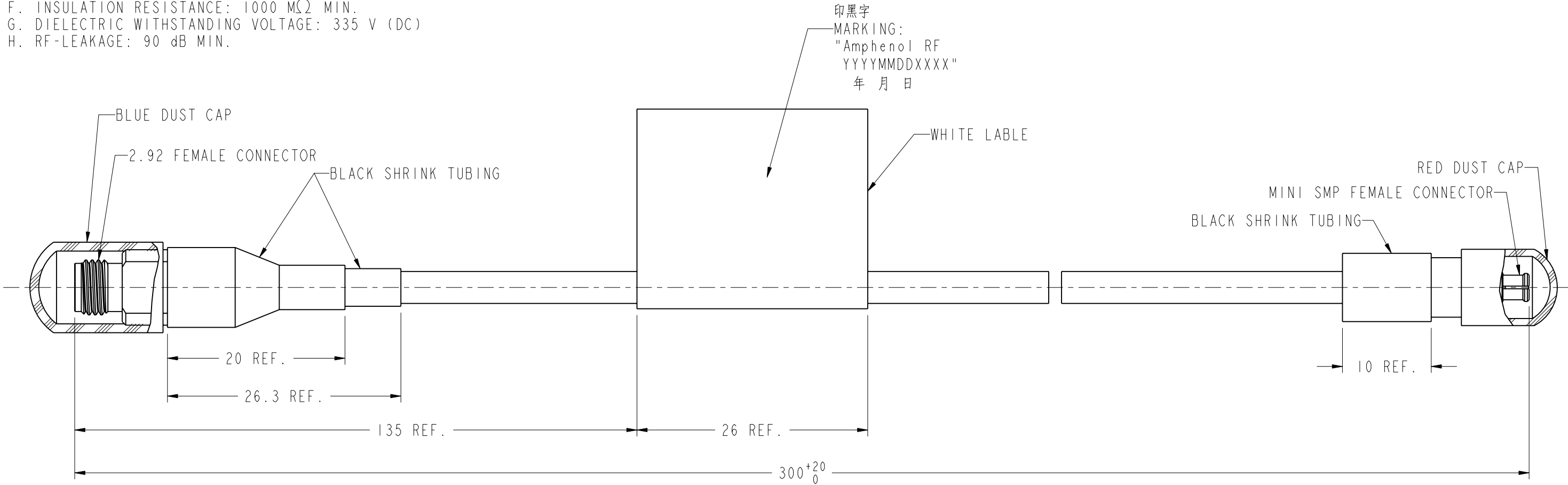
3. MECHANICAL PERFORMANCE
A. MINIMUM BEND RADIUS, REPEATED BEND: 24 mm
B. MINIMUM BEND RADIUS, STATIC BEND: 12 mm
C. RECOMMENDED COUPLING TORQUE: 7-10 IN-LBS (2.92 FEMALE)
D. COUPLING NUT RETENTION FORCE: 60 LBS MIN. (2.92 FEMALE)
E. DURABILITY: 500 CYCLES MIN.

4. ENVIRONMENT
A. TEMPERATURE RANGE: -40°C TO +85°C
B. ALL MATERIALS MUST BE "ROHS" COMPLIANT.

THIRD ANGLE PROJ.

REVISIONS

REV	DESCRIPTION	DATE	ECO	APPR
I	PRELIMINARY RELEASE	23-Apr-18		KZ



CUSTOMER OUTLINE DRAWING

ALL OTHER SHEETS ARE FOR INTERNAL USE ONLY

UNLESS OTHERWISE SPECIFIED, DIMENSIONS ARE IN METRIC AND TOLERANCES ARE: <0.5mm ± 0.05mm 0.5 - 6mm ± 0.1mm 6 - 30mm ± 0.2mm 30 - 120mm ± 0.3mm ANGLES ± 1°	MATERIAL	DRAWN K.ZHANG	DATE 23-Apr-18	TITLE 2.92 FEMALE TO MINI SMP FEMALE FOR FSB-230 CABLE	Amphenol RF www.amphenolrf.com	
		ENGINEER	DATE		DRAWING NO. 292F-FSB230-MNSMPM001-18-01	
	REFERENCE EAR08306	APPROVED	DATE	SCALE: 1.7:1.0 SHEET 2 OF 2	ITEM NO. 47F9934M0011801	
	FINISH	CAD FILE		DWG SIZE B	REV I	PART NO.

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