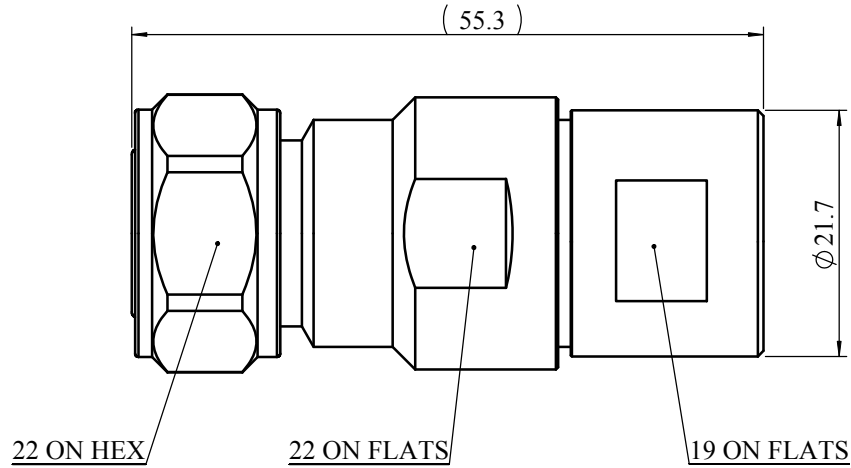


| REVISIONS | | |
|-----------|---------------|------------|
| REV | DESCRIPTION | DATE |
| 0 | FIRST RELEASE | 2015-9-15 |
| 1 | CHANGE | 2016-9-30 |
| 2 | CHANGE | 2016-12-27 |



REFERENCE STANDARD

IEC61169-54

1. ELECTRIC PERFORMANCE

NOMINAL IMPEDANCE(Ω)
 FREQUENCY RANGE
 VSWR
 PIM(dBc)
 INSERT LOSS
 INSULATION RESISTANCE(M Ω)
 PROOF VOLTAGE(V)
 CONTACT RESISTANCE(m Ω)

50
 DC-3.6GHz
 ≤ 1.1
 $\leq -160(2*43dBm)$
 ≤ 0.1
 ≥ 5000
 2500
 OUTER CONDUCTOR <1.0
 INNER CONDUCTOR <1.0

2. MECHANICAL PERFORMANCE

TENSILE FORCE(CABLE-CONNECT)
 TORSION(CABLE-CONNECT)

500N
 5N.m

3. MATERIAL AND PLATING

INNER CONDUCTOR
 OUTER CONDUCTOR
 INSULATOR


SPRING COPPER Ag5 μ m
 BRASS Copper-tin-zinc2 μ m
 TPX

4. ENVIRONMENT

TEMP.RANGE
 WEATHER STANDARD
 THERMAL SHOCK
 VIBRATION
 SHOCK
 WATERPROOFING STANDARD
 ROHS COMPLIANT

-40 $^{\circ}$ C~+85 $^{\circ}$ C
 IEC 60068 40 / 085/ 21
 IEC 60068 -2-14-Na
 IEC 60068-2-6-Fc
 IEC 60068-2-27
 IP68

5. ASSEMBLE: INNER AND OUTER CONDUCTOR INSTALLED

| | | | | | | | | |
|----------|----------------|-------|--------|---|--|-------------|-----|-----|
| DRAWN | TITLE | | |  AMPHENOL FUYANG CO.,LTD CHANGZHOU, CHINA | | | | |
| CHECKED | 4.3/10SM-1/2"L | | | | | DRAWING NO. | VER | REV |
| APPROVED | SHEET | SCALE | METRIC | PART NO. | | | | |
| | 1/1 | 1/1 | mm | AFDF57-2 | | | | |
| | | | | AFS-DF57-2 | | | 1 | 2 |