

Connector Technology Parameter

一 . 7/16M-1/2”SFC international standard: IEC60169-4: 1996

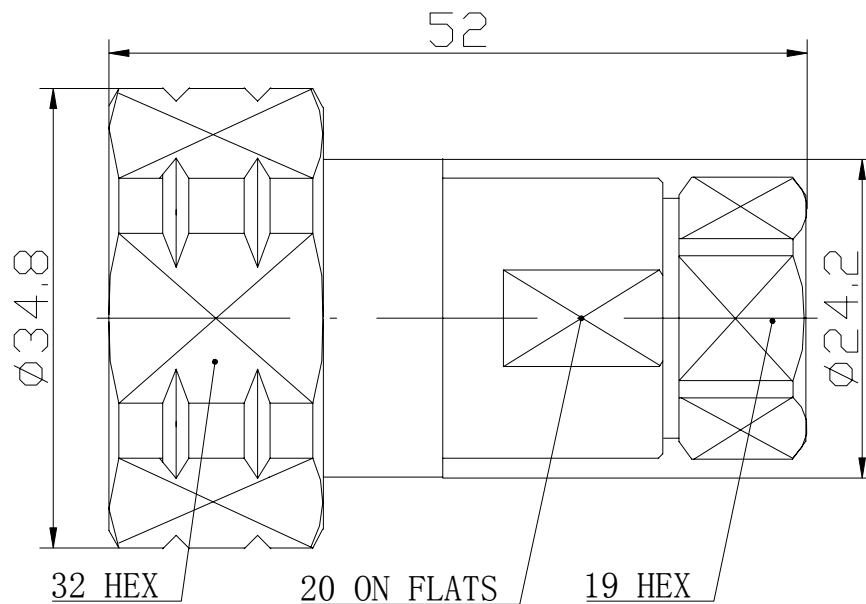
二 . Connector

a. Material and plating :

outer conductor	material: C3602	Plating Copper tin-zin $>3\mu\text{m}$
inner conductor	material: QBe2	Plating Ag $>5\mu\text{m}$
nut	material: HPb59-1	Plating Ni $>5\mu\text{m}$
insulator	material: PTFE	

b. Work conduction: Operating Temp.range (°C): -40~+85

c. Fig:



Amphenol

三.Spec:

Performance Specification	7/16 (DIN) AFB3-2
Retention	$\geq 5.88\text{N}$
Torque	50N.m
Machine wear	>1000
Screw cap pull	$>1000\text{N}$
Insert loss (dB)	<0.05
Ac break down Voltage (Kv/50Hz)	4
Intermodulation (dBm)	<-120
Inner conductor plating	Plating Ag $>5\mu\text{m}$
Outer conductor plating	Plating Copper tin-zin $>3\mu\text{m}$
Connect resistance (m Ω)	Outer conductor <0.2
	Inner conductor <0.4
Insulation resistance (M Ω)	$>10^4$
Screen efficiency (dB)	>110
VSWR (3G)	≤ 1.1
Impedance (Ω)	50
Surface	Smooth surface,without burrs,rust and mechanical damage