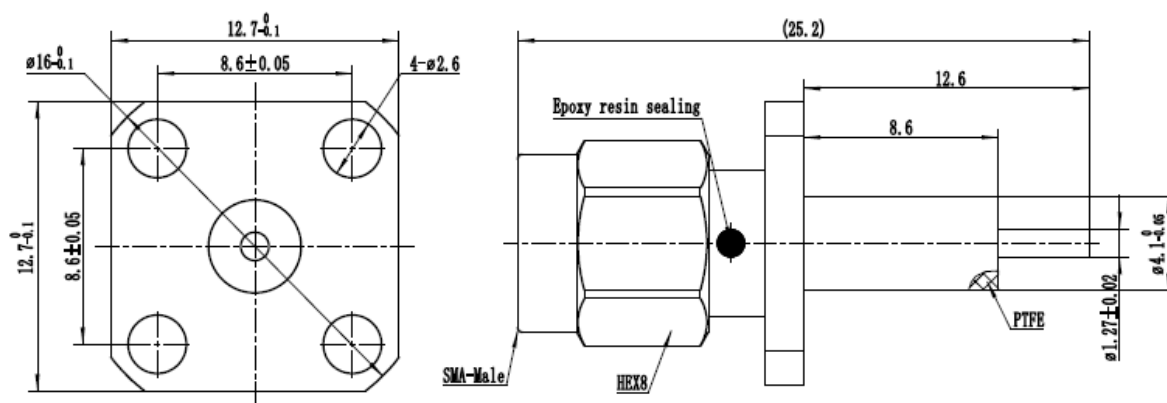
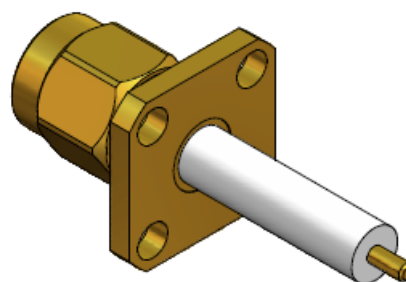




Electrical:

Impedance:	50 Ω
Frequency Range:	DC ~ 18GHz
Insertion Loss:	< 0.05 √(F)GHz
Dielectric withstanding Voltage:	1000 V rms
Insulator Resistance :	≥5 GΩ
VSWR:	< 1.3



Mechanical:

Durability :	≥ 500 Cycles
Recommended Coupling Torque :	7-9 in -lbs
Coupling Nut Retention Force :	> 60 lbs
Pin resistance inside PTFE:	69N(7kg force)

Finish : [in Micro Inch(μ)]

Body gold plating:	5~8 μ"
Center pin gold plating:	30 μ"

Pins with Epoxy potting

Environmental:

Temperature Range :	-55°C to 125°C
RoHS:	Compliant

	Material	Plating
Body & Coupling Nut	Stainless Steel	Passivation
Contact Pin	Brass	Gold
Insulator	PTFE	N/A

Tolerances .X ±0.5 .XX ±0.3 Angular ± 5°	Scale NTS	Abbr. ST	Rev. B	Part Number FHC111-116	 
PAGE 1 of 1	All Dimensions in mm (Unless Otherwise Specified)			Date 2021/08/16	