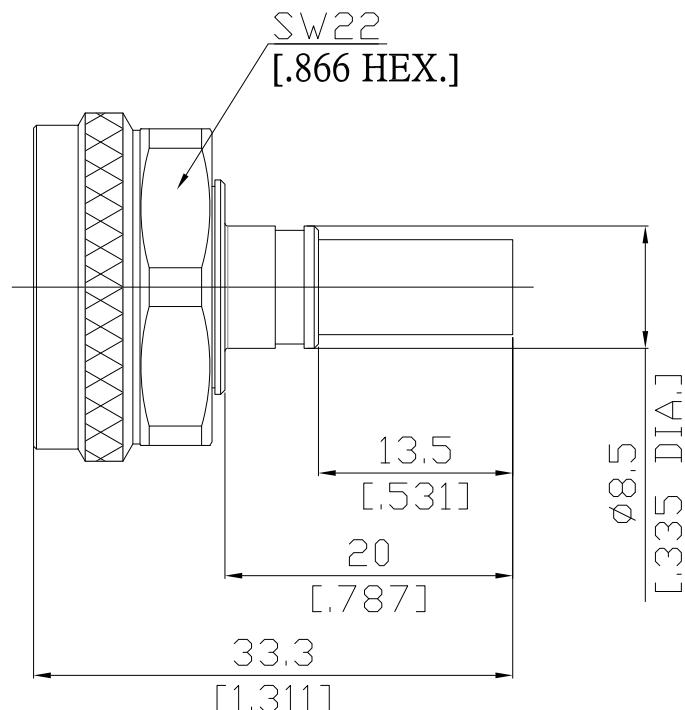


## 4.3-10 Male Connector Crimp/Solder Attachment for RG-223

## 43101C50A-G223 / 144



All dimensions are in mm [inch]

Tolerances according to DIN ISO 2768-mH

#### Interface

4.3/10 according to

IEC 61169-54

#### Electrical Data

Impedance	50 Ω
Frequency	DC to 6 GHz
VSWR (Return Loss)	≤ 1.25 (≥ 32 dB)
Insertion Loss	≤ 0.05 x √F (GHz) dB
Insulation Resistance	≥ 5 GΩ
Center Contact Resistance	≤ 1.0 mΩ
Outer Contact Resistance	≤ 1.0 mΩ
Test Voltage (at sea level)	2500 V rms
Working Voltage (at sea level)	500 V rms
RF Leakage	≥ 110 dB @ DC to 6 GHz
Power Handling	500 W @ 2 GHz
Intermodulation (3rd order)	≥ 166 dBc (2 x 43 dBm) @ 0.4-4.0 GHz

- Limitations are possible due to the used cable type -

#### Material And Plating

Piece Parts (4.3-10)	Material	Plating
Centre contact	Brass	Gold plating, 3 µinch (Non-magnetic nickel-phosphorus underplating, 80 µinch)
Body	Brass	Copper-Tin-Zinc Alloy
Insulator	PTFE	
Coupling nut	Brass	Copper-Tin-Zinc Alloy

#### 4.3-10 Male Connector Crimp/Solder Attachment for RG-223

43101C50A-G223 / 144

## Mechanical Data

## Environmental Data

Temperature Range: -55°C to +90°C  
RoHS: compliant

## Packing

Single or 100