

## QASS-A SMA to SMA

Features:  
\* Low VSWR

Applications:  
\* Wireless  
\* Transmitter  
\* Laboratory Test  
\* Radar

### Electrical

Frequency: DC~26.5GHz  
DC~18GHz  
Impedance of Dielectric: 5000MΩ min.  
Impedance: 50Ω

### Mechanical

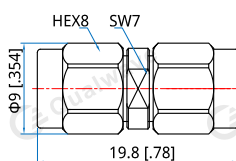
RF Connectors: SMA  
Mating Life Cycle: 500 cycles  
Outer Conductor: Passivated stainless steel  
Dielectric: PTFE & PEI  
Inner Conductor: Gold plated beryllium copper  
or Gold plated brass

### Environmental

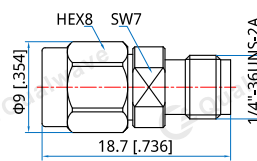
Temperature: -55~+85°C

Model	Frequency (GHz)	VSWR (max.)	Insertion Loss (dB max.)	Voltage Withstand (V rms)	Impedance of Contact (Center) (mΩ max.)	Impedance of Contact (Outer) (mΩ max.)
QASS-MM-A	DC~18	1.15	0.04	1000	3	2.5
QASS-MF-A	DC~18	1.15	0.04	1000	3	2.5
QASS-FF-A	DC~18	1.15	0.04	1000	3	2.5
QASS-MRPM-A	DC~18	1.15	0.04	1000	3	2.5
QASS-MRPMRP-A	DC~18	1.15	0.04	1000	3	2.5
QASS-MRPF-A	DC~18	1.15	0.04	1000	3	2.5
QASS-MFRP-A	DC~18	1.15	0.04	1000	3	2.5
QASS-MRPFAP-A	DC~18	1.15	0.04	1000	3	2.5
QASS-FRPF-A	DC~18	1.15	0.04	1000	3	2.5
QASS-FRPFAP-A	DC~18	1.15	0.04	1000	3	2.5
QASSR-MM-A	DC~18	1.25	0.05	1000	4	2.5
QASSR-MM-A-1	DC~26.5	1.2	0.08	750	4	3
QASSR-MF-A	DC~18	1.25	0.05	1000	4	2.5
QASSR-MF-A-1	DC~26.5	1.2	0.08	750	3	2.5
QASSR-FF-A	DC~18	1.25	0.05	1000	4	2.5
QASSR-FF-A-1	DC~26.5	1.2	0.08	750	3	2.5
QASSH-MF-A	DC~18	1.15	0.04	1000	3	2.5
QASSH-FF-A	DC~18	1.15	0.04	1000	3	2.5
QASSL-FF-A	DC~18	1.2	0.04	1000	3	2.5

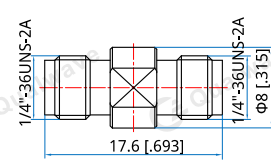
### Outline Drawings



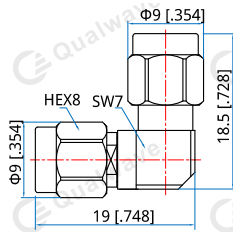
Outline A



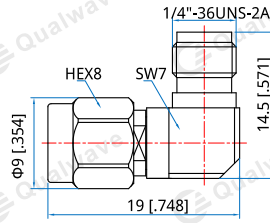
Outline B



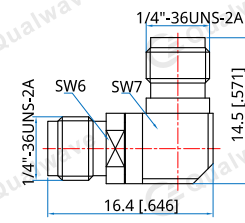
Outline C



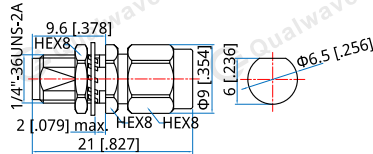
Outline D



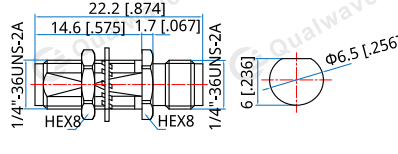
Outline E



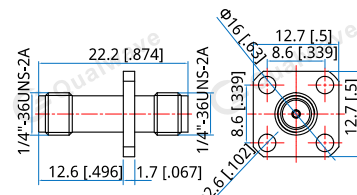
Outline F



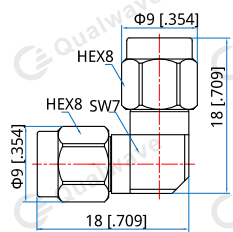
Outline G



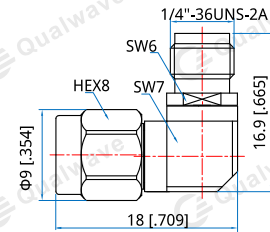
Outline H



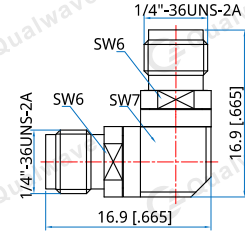
Outline I



Outline J



Outline K



Outline L

Unit: mm [in]      Tolerance: ±0.2mm [±0.008in]

## How To Order

**QASS-MM-A** - SMA(m) to SMA(m), Outline A

**QASS-MF-A** - SMA(m) to SMA(f), Outline B

**QASS-FF-A** - SMA(f) to SMA(f), Outline C

**QASS-MRPM-A** - SMA(m) reversed polarity to SMA(m), Outline A

**QASS-MRPMRP-A** - SMA(m) reversed polarity to reversed polarity SMA(m), Outline A

**QASS-MRPF-A** - SMA(m) reversed polarity to SMA(f), Outline B

**QASS-MFRP-A** - SMA(m) to SMA(f) reversed polarity, Outline B

**QASS-MRPFAP-A** - SMA(m) reversed polarity to SMA(f) reversed polarity, Outline B

**QASS-FRPF-A** - SMA(f) reversed polarity to SMA(f), Outline C

**QASS-FRPFAP-A** - SMA(f) reversed polarity to SMA(f) reversed polarity, Outline C

**QASSR-MM-A** - SMA(m) to SMA(m) right angle, Outline D

**QASSR-MM-A-1** - SMA(m) to SMA(m) right angle, 26.5GHz, Outline J

**QASSR-MF-A** - SMA(m) to SMA(f) right angle, Outline E

**QASSR-MF-A-1** - SMA(m) to SMA(f) right angle, 26.5GHz, Outline K

**QASSR-FF-A** - SMA(f) to SMA(f) right angle, Outline F

**QASSR-FF-A-1** - SMA(f) to SMA(f) right angle, 26.5GHz, Outline L

**QASSH-MF-A** - SMA(m) to SMA(f) bulk head, Outline G

**QASSH-FF-A** - SMA(f) to SMA(f) bulk head, Outline H

**QASSL-FF-A** - SMA(f) to SMA(f) flange mount, Outline I

Customization is available upon request.