

QAPP SMP to SMP

Features:
* Low VSWR

Applications:
* Wireless
* Transmitter
* Laboratory Test
* Radar



Electrical

Frequency: DC~18GHz
 Impedance of Contact (Center): 5mΩ max. (Outline I, J, K, L, M)
 Impedance of Contact (Outer): 2.5mΩ max. (Outline I, J, K, L, M)
 Impedance: 50Ω

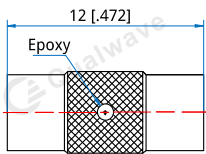
Mechanical

RF Connectors: SMP
 Mating Life Cycle: 500 cycles
 100 cycles min. (Outline O)

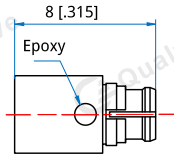
Specifications

Model	Frequency	VSWR	Dielectric	Working	Impedance of	Outer Conductor	Dielectric	Inner Conductor
	(GHz)	(max.)	Withstanding Voltage (V min.)	Voltage (V max.)	Dielectric (mΩ min.)			
QAPP-MM	DC~18	1.3	500	-	5000	Gold Plated Brass	PTFE	Gold Plated Beryllium Copper
QAPP-MF	DC~18	1.35	500	-	5000	Gold Plated Beryllium Copper	PTFE	Gold Plated Beryllium Copper
QAPP-FF	DC~18	1.3	1000	-	5000	Gold Plated Beryllium Copper	PTFE	Gold Plated Beryllium Copper
QAPP-FF-1	DC~18	1.3	500	-	5000	Gold Plated Beryllium Copper	PTFE	Gold Plated Beryllium Copper
QAPP-FF-2	DC~18	1.35	500	-	5000	Gold Plated Beryllium Copper	PTFE	Gold Plated Beryllium Copper
QAPP-FF-3	DC~18	1.3	500	-	5000	Passivated Stainless Steel & Gold Plated Beryllium Copper	PTFE	Gold Plated Beryllium Copper
QAPP-FF-4	DC~6	1.3	1000	-	5000	Gold Plated Beryllium Copper	PTFE	Gold Plated Beryllium Copper
QAPP-FF-5	DC~18	1.35	750	335	1000	Gold Plated Beryllium Copper	PTFE	Gold Plated Beryllium Copper
QAPP-FF-6	DC~18	1.35	750	335	1000	Gold Plated Beryllium Copper	PTFE	Gold Plated Beryllium Copper
QAPP-FF-7	DC~18	1.35	750	335	1000	Gold Plated Beryllium Copper	PTFE	Gold Plated Beryllium Copper
QAPP-FF-8	DC~18	1.35	750	335	1000	Gold Plated Beryllium Copper	PTFE	Gold Plated Beryllium Copper
QAPP-FF-9	DC~18	1.35	750	335	1000	Gold Plated Beryllium Copper	PTFE	Gold Plated Beryllium Copper
QAPP-FF-10	DC~18	1.25	500	-	1000	Gold Plated Beryllium Copper	PTFE	Gold Plated Beryllium Copper
QAPP-FF-11	DC~18	1.3	500	-	5000	Gold Plated Beryllium Copper	PTFE	Gold Plated Beryllium Copper
QAPPL-MM	DC~18	1.3	500	-	5000	Gold Plated Brass	PTFE	Gold Plated Beryllium Copper
QAPPL-MM-1	DC~18	1.3	500	-	5000	Gold Plated Brass	PTFE	Gold Plated Beryllium Copper

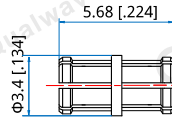
Outline Drawings



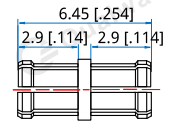
Outline A



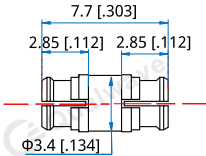
Outline B



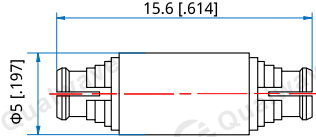
Outline C



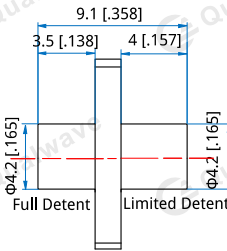
Outline D



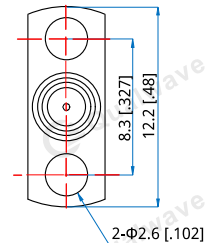
Outline E



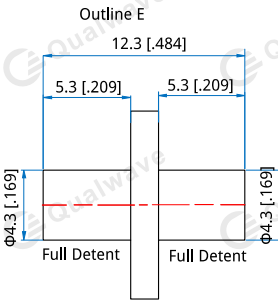
Outline F



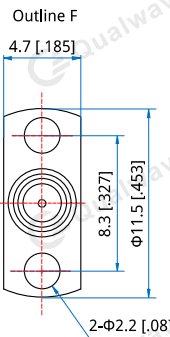
Outline G



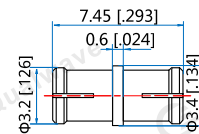
Outline H



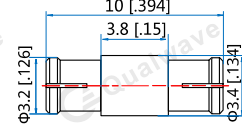
Outline I



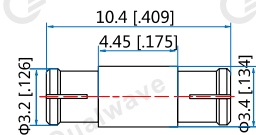
Outline J



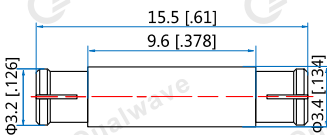
Outline K



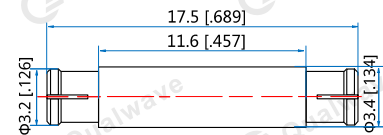
Outline L



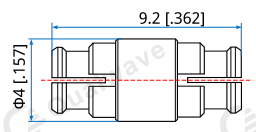
Outline M



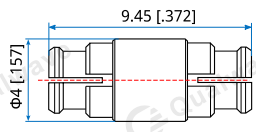
Outline N



Outline O



Outline P



Outline Q

Unit: mm [in]

Tolerance: ±0.2mm [±0.008in]

Environmental

Temperature: -55~+125°C
-45~+125°C (Outline I, J, K, L, M)

How To Order

QAPP-MM - SMP(m) to SMP(m), Outline A

QAPP-MF - SMP(m) to SMP(f), Outline B

QAPP-FF - SMP(f) to SMP(f), 18GHz, Outline C

QAPP-FF-1 - SMP(f) to SMP(f), Outline D

QAPP-FF-2 - SMP(f) to SMP(f), Outline E

QAPP-FF-3 - SMP(f) to SMP(f), Outline F

QAPP-FF-4 - SMP(f) to SMP(f), 6GHz, Outline C

QAPP-FF-5 - SMP(f) to SMP(f), Outline I

QAPP-FF-6 - SMP(f) to SMP(f), Outline J

QAPP-FF-7 - SMP(f) to SMP(f), Outline K

QAPP-FF-8 - SMP(f) to SMP(f), Outline L

QAPP-FF-9 - SMP(f) to SMP(f), Outline M

QAPP-FF-10 - SMP(f) to SMP(f), Outline N

QAPP-FF-11 - SMP(f) to SMP(f), Outline O

QAPPL-MM - SMP(m) to SMP(m), Flange mount, Outline G

QAPPL-MM-1 - SMP(m) to SMP(m), Flange mount, Outline H

Customization is available upon request.