QCFT
Feedthrough

Features:
* Low VSWR

Applications:
* Wireless
* Radar
* Instruments
* Electronics

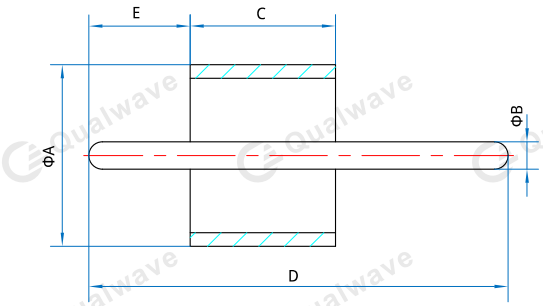
Specifications

Part Number	Frequency (GHz)	A mm [inch]	B mm [inch]	C mm [inch]	D mm [inch]	E mm [inch]	Outline Drawings
QCFT-023-1	-	-	0.23 [0.009]	-	6.5 [0.256]	-	Outline B
QCFT-023-2	-	1.73 [0.068]	0.23 [0.009]	1.5 [0.059]	4.2 [0.165]	1.2 [0.047]	Outline C
QCFT-023-3	110	1.73 [0.068]	0.23 [0.009]	1.4 [0.055]	3.68 [0.145]	1.27 [0.05]	Outline D
QCFT-023-5	-	1.73 [0.068]	0.23 [0.009]	1.4 [0.055]	5.25 [0.206]	0.8 [0.031]	Outline H
QCFT-023-6	110	1.73 [0.068]	0.23 [0.009]	1.4 [0.055]	5.2 [0.205]	3 [.12]	Outline A
QCFT-023-7	110	1.73 [0.068]	0.23 [0.009]	1.4 [0.055]	2.7 [0.105]	0.5 [0.02]	Outline A
QCFT-023-8	72	1.73 [0.068]	0.23 [0.009]	1.4 [0.055]	5.2 [0.205]	3 [0.12]	Outline D
QCFT-030-1	65	2 [0.079]	0.3 [0.012]	1.4 [0.055]	4.4 [0.173]	1.5 [0.059]	Outline A
QCFT-030-2	65	2 [0.079]	0.3 [0.012]	1.4 [0.055]	8 [0.315]	4.6 [0.181]	Outline A
QCFT-030-3	65	2 [0.079]	0.3 [0.012]	1.6 [0.063]	3.9 [0.154]	0.4 [0.016]	Outline A
QCFT-030-4	65	2 [0.079]	0.3 [0.012]	1.6 [0.063]	8 [0.315]	4.6 [0.181]	Outline A
QCFT-030-5	18	2.5 [0.098]	0.3 [0.012]	1.6 [0.063]	8.19 [0.322]	1.8 [0.071]	Outline E
QCFT-030-6	42	1.93 [0.076]	0.3 [0.012]	1.4 [0.055]	4.45 [0.175]	1.02 [0.04]	Outline D
QCFT-038-1	40	2.5 [0.098]	0.38 [0.015]	1.6 [0.063]	8 [0.315]	4.6 [0.181]	Outline A
QCFT-038-2	40	2.5 [0.098]	0.38 [0.015]	1.6 [0.063]	12 [0.472]	2 [0.079]	Outline A
QCFT-038-3	40	2.5 [0.098]	0.38 [0.015]	2 [0.079]	9 [0.354]	2 [0.079]	Outline A
QCFT-038-4	40	2.5 [0.098]	0.38 [0.015]	3 [0.118]	12 [0.472]	2.2 [0.087]	Outline A
QCFT-038-5	28	2.5 [0.098]	0.38 [0.015]	1.57 [0.062]	7.42 [0.292]	1.27 [0.05]	Outline D
QCFT-045-1	40	2.8 [0.11]	0.45 [0.018]	1.6 [0.063]	5.2 [0.205]	1.1 [0.043]	Outline A
QCFT-045-2	40	2.8 [0.11]	0.45 [0.018]	1.6 [0.063]	8 [0.315]	4.6 [0.181]	Outline A
QCFT-045-3	40	2.8 [0.11]	0.45 [0.018]	1.6 [0.063]	12 [0.472]	3 [0.118]	Outline A
QCFT-045-4	18	2.8 [0.11]	0.45 [0.018]	1.5 [0.059]	7.9 [0.311]	1.8 [0.071]	Outline F
QCFT-050-1	35	3 [0.118]	0.5 [0.02]	1.6 [0.063]	7.8 [0.307]	2 [0.079]	Outline A
QCFT-050-2	35	3 [0.118]	0.5 [0.02]	1.6 [0.063]	12 [0.472]	5 [0.197]	Outline A
QCFT-050-3	35	3 [0.118]	0.5 [0.02]	2 [0.079]	6 [0.236]	1.5 [0.059]	Outline A
QCFT-050-4	35	3 [0.118]	0.5 [0.02]	2 [0.079]	6.5 [0.256]	2.2 [0.087]	Outline A
QCFT-050-5	35	3 [0.118]	0.5 [0.02]	2 [0.079]	8.5 [0.335]	2.2 [0.087]	Outline A
QCFT-050-6	35	3 [0.118]	0.5 [0.02]	2 [0.079]	12 [0.472]	4 [0.157]	Outline A
QCFT-050-7	35	3 [0.118]	0.5 [0.02]	2 [0.079]	12 [0.472]	5 [0.197]	Outline A
QCFT-050-8	35	3 [0.118]	0.5 [0.02]	2 [0.079]	14 [0.551]	4 [0.157]	Outline A
QCFT-050-9	35	3 [0.118]	0.5 [0.02]	4.2 [0.165]	9 [0.354]	2.2 [0.087]	Outline A
QCFT-050-10	25	3 [0.118]	0.5 [0.02]	4.7 [0.185]	9.4 [0.37]	2.2 [0.087]	Outline A
QCFT-050-11	25	3 [0.118]	0.5 [0.02]	4.7 [0.185]	12 [0.472]	2.2 [0.087]	Outline A
QCFT-050-12	4	4 [0.157]	0.5 [0.02]	1.75 [0.069]	9.5 [0.354]	5.8 [0.229]	Outline G
QCFT-051-2	26.5	4 [0.157]	0.5 [0.02]	1.75 [0.069]	5.6 [0.22]	1.8 [0.071]	Outline A
QCFT-080-1	25	4.7 [0.185]	0.8 [0.031]	2 [0.079]	6.5 [0.256]	2 [0.079]	Outline A

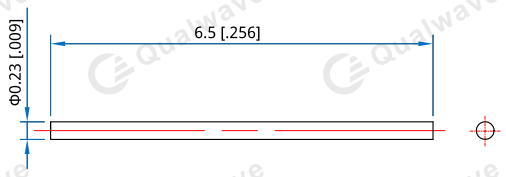
Part Number	Frequency (GHz)	A mm [inch]	B mm [inch]	C mm [inch]	D mm [inch]	E mm [inch]	Outline Drawings
QCFT-090-1	25	5.5 [0.217]	0.9 [0.035]	3 [0.118]	9 [0.354]	3 [0.118]	Outline A
QCFT-091-1	18	5.5 [0.217]	0.91 [0.036]	3 [0.118]	7.8 [0.307]	1.8 [0.071]	Outline D

Outline Drawings	Insertion Loss (dB max.)	VSWR (max.)	Voltage Withstand (V)	Impedance of Dielectric (MΩ min.)	Material 1, 3	Material 2	Dielectric	Operation Temperature (℃)
Outline A	-	-	-	-	Gold Plated Kovar	Gold Plated Kovar	Glass	-55~+125
Outline B	-	-	-	-	Gold plated	Gold plated	-	
Outline C	-	-	500	1000	4J29	BH-14W/K (white)	-	
Outline D	-	-	-	-	Kovar	Kovar	7070 (dielectric: 4.1)	-55~+400
Outline E	-	1.3	-	-	4J29	BH-14W/K	-	
Outline F	0.35	1.25	500	1000	4J29	BH-14W/K	-	
Outline G	0.05	1.2	100	1000	4J29	7070 (Green)	-	
Outline H	-	-	-	-	4J29	BH-14W/K	-	-

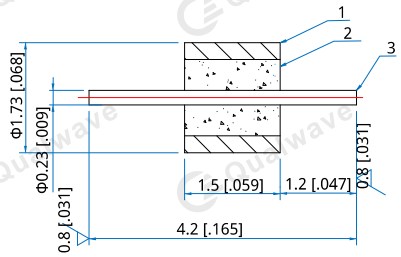
Outline Drawings



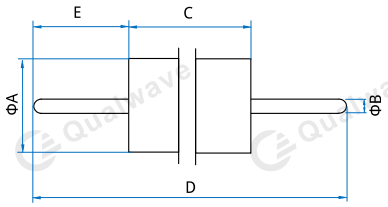
Outline A



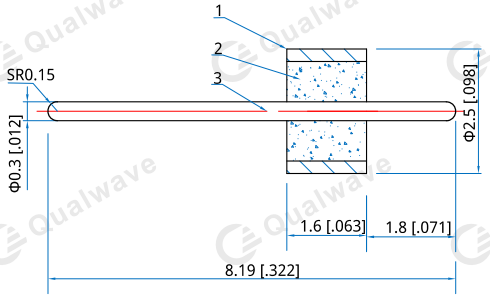
Outline B



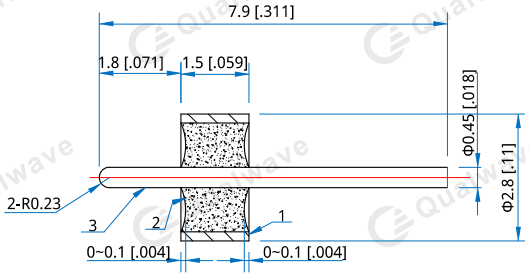
Outline C



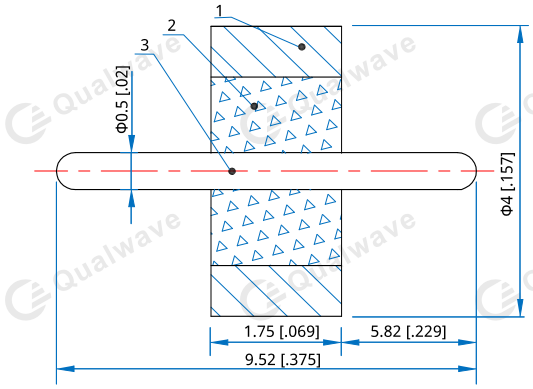
Outline D



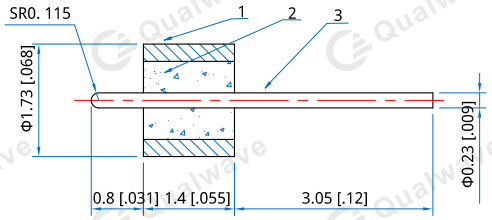
Outline E



Outline F



Outline G



Outline H