

NCFT 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]
NCFT-023-1	110	1.73 [0.068]	0.23 [0.009]	1.4 [0.055]	5.2 [0.205]	3.04 [.12]
NCFT-023-2	110	1.73 [0.068]	0.23 [0.009]	1.4 [0.055]	2.7 [0.105]	0.508 [0.02]
NCFT-030-1	65	2 [0.079]	0.3 [0.012]	1.4 [0.055]	4.4 [0.173]	1.5 [0.059]
NCFT-030-2	65	2 [0.079]	0.3 [0.012]	1.4 [0.055]	8 [0.315]	4.6 [0.181]
NCFT-030-3	65	2 [0.079]	0.3 [0.012]	1.6 [0.063]	3.9 [0.154]	0.4 [0.016]
NCFT-030-4	65	2 [0.079]	0.3 [0.012]	1.6 [0.063]	8 [0.315]	4.6 [0.181]
NCFT-038-1	40	2.5 [0.098]	0.38 [0.015]	1.6 [0.063]	8 [0.315]	4.6 [0.181]
NCFT-038-2	40	2.5 [0.098]	0.38 [0.015]	1.6 [0.063]	12 [0.472]	2 [0.079]
NCFT-038-3	40	2.5 [0.098]	0.38 [0.015]	2 [0.079]	9 [0.354]	2 [0.079]
NCFT-038-4	40	2.5 [0.098]	0.38 [0.015]	3 [0.118]	12 [0.472]	2.2 [0.087]
NCFT-045-1	40	2.8 [0.11]	0.45 [0.018]	1.6 [0.063]	5.2 [0.205]	1.1 [0.043]
NCFT-045-2	40	2.8 [0.11]	0.45 [0.018]	1.6 [0.063]	8 [0.315]	4.6 [0.181]
NCFT-045-3	40	2.8 [0.11]	0.45 [0.018]	1.6 [0.063]	12 [0.472]	3 [0.118]
NCFT-050-1	35	3 [0.118]	0.5 [0.02]	1.6 [0.063]	7.8 [0.307]	2 [0.079]
NCFT-050-2	35	3 [0.118]	0.5 [0.02]	1.6 [0.063]	12 [0.472]	5 [0.197]
NCFT-050-3	35	3 [0.118]	0.5 [0.02]	2 [0.079]	6 [0.236]	1.5 [0.059]
NCFT-050-4	35	3 [0.118]	0.5 [0.02]	2 [0.079]	6.5 [0.256]	2.2 [0.087]
NCFT-050-5	35	3 [0.118]	0.5 [0.02]	2 [0.079]	8.5 [0.335]	2.2 [0.087]
NCFT-050-6	35	3 [0.118]	0.5 [0.02]	2 [0.079]	12 [0.472]	4 [0.157]
NCFT-050-7	35	3 [0.118]	0.5 [0.02]	2 [0.079]	12 [0.472]	5 [0.197]
NCFT-050-8	35	3 [0.118]	0.5 [0.02]	2 [0.079]	14 [0.551]	4 [0.157]
NCFT-050-9	35	3 [0.118]	0.5 [0.02]	4.2 [0.165]	9 [0.354]	2.2 [0.087]
NCFT-050-10	25	3 [0.118]	0.5 [0.02]	4.7 [0.185]	9.4 [0.37]	2.2 [0.087]
NCFT-050-11	25	3 [0.118]	0.5 [0.02]	4.7 [0.185]	12 [0.472]	2.2 [0.087]
NCFT-080-1	25	4.7 [0.185]	0.8 [0.031]	2 [0.079]	6.5 [0.256]	2 [0.079]
NCFT-090-1	25	5.5 [0.217]	0.9 [0.035]	3 [0.118]	9 [0.354]	3 [0.118]

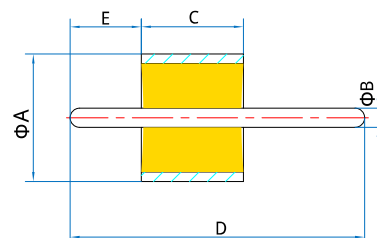
Mechanical

Outer Conductor: Gold Plated Kovar
Dielectric: Glass
Inner Conductor: Gold Plated Kovar

Environmental

Operation Temperature: -55~+125°C

Outline Drawings



NCFT-051-2
Feedthrough

Features:
* Low VSWR

Applications:
* Wireless
* Radar
* Instruments
* Electronics

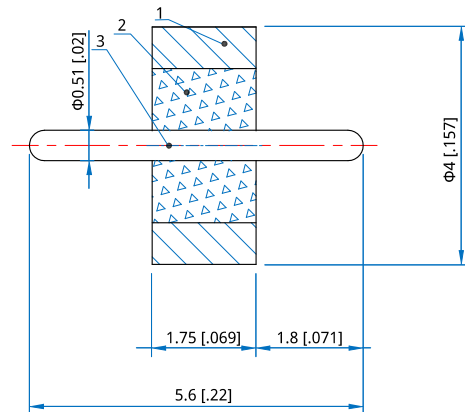
Electrical

Frequency:	DC-4GHz
VSWR:	1.2 max.
Insertion Loss:	0.05dB max.
Voltage Withstand:	100V
Impedance of Dielectric:	1000MΩ min. (200V DC)
Impedance:	50Ω

Mechanical

Size:	5.6*Φ4mm 0.22*0.157in
Material 1, 3:	4J29
Material 2:	7070 (green)

Outline Drawings



Unit: mm [inch]
Tolerance: ±0.5mm [±0.02in]

How To Order

NCFT-051-2

Customization is available upon request.