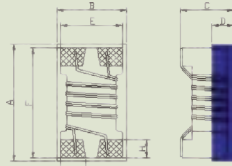




SHAPE AND DIMENSIONS

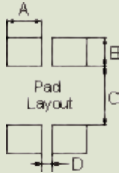
Dimensions : mm

CMM41T-122K-S/422K-S



A	B	C	D	E	F	G	H
4.95 ⁺⁰	3.50 ⁺⁰	2.20 ⁺⁰	1.00	2.45	4.40	1.02	0.75

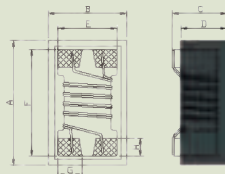
Recommended Pattern



A	B	C	D
1.45	1.22	2.59	0.46

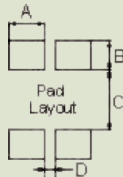
Dimensions : mm

CMM41T-203K-S



A	B	C	D	E	F	G	H
5.87 ⁺⁰	4.98 ⁺⁰	3.50 ⁺⁰	2.50	2.45	4.40	1.02	0.75

Recommended Pattern



A	B	C	D
1.45	1.22	2.59	0.46

ELECTRICAL CHARACTERISTICS

Part Number	IMPEDANCE (Ω)	Test Frequency (MHz)	Tolerance (±%)	IDC MAX (mA)	Rated Voltage (Vdc)	Rated Max (Ω)	Insulation Resistance (M Ohm)min.
CMM21T-300M-S	30	100	20	450	50	0.20	10
CMM21T-670M-S	67	100	20	400	50	0.25	10
CMM21T-900M-S	90	100	20	330	50	0.35	10
CMM21T-121M-S	120	100	20	370	50	0.30	10
CMM21T-161M-S	160	100	20	350	50	0.35	10
CMM21T-181M-S	180	100	20	330	50	0.35	10
CMM21T-261M-S	260	100	20	300	50	0.40	10
CMM21T-371M-S	370	100	20	280	50	0.45	10

* Tolerance: M=±20%

* Packaging: Clear tape and reel {standard}

* Z: Agilent/HP4291A

* RDC(single line): CH502BC, HP4338B

* Insulation Resistance: Agilent/HP4339B

* Operating temperature range from -25°C to +85°C



Part No.	Z (Ω)	RDC (Ω)Max.	IDC (mA)MAX	Rated Voltage (Vdc)	Insulation Resistance (M Ω)(min)	Tolerance ($\pm\%$)	Test Freq (MHz)
CMM21T-300□-N	30	0.2	450	50	10	20	100
CMM21T-670□-N	67	0.25	400	50	10	20	100
CMM21T-900□-N	90	0.35	330	50	10	20	100
CMM21T-121□-N	120	0.3	370	50	10	20	100
CMM21T-161□-N	160	0.4	300	50	10	20	100
CMM21T-181□-N	180	0.35	330	50	10	20	100
CMM21T-201□-N	200	0.35	330	50	10	20	100
CMM21T-221□-N	220	0.35	310	50	10	20	100
CMM21T-261□-N	260	0.4	300	50	10	20	100
CMM21T-301□-N	300	0.4	290	50	10	20	100
CMM21T-361□-N	360	0.45	280	50	10	20	100
CMM21T-371□-N	370	0.45	280	50	10	20	100
CMM21T-901□-N	900	0.65	70	50	10	20	100

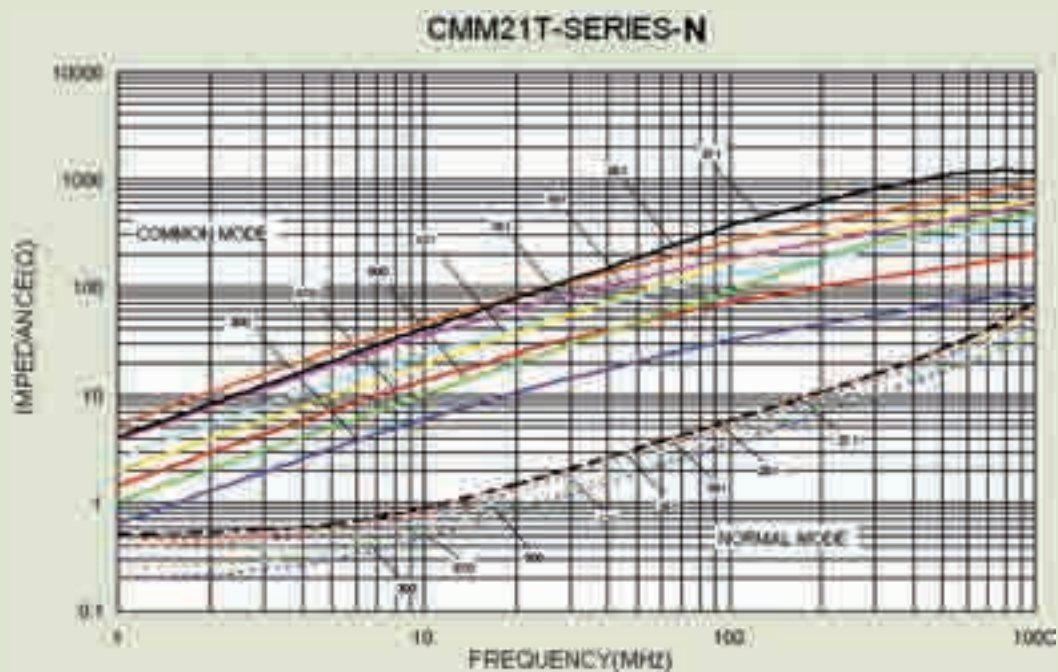
NOTE : □-tolerance M=±20%

1. Operating temperature range -25°C~85°C

2. RDC: SINGLE WIRE TEST VALUE

"-N" FOR COMPLETELY LEAD FREE TYPE(INCLUDING FERRITE BODY & SOLDER)

TYPICAL IMPEDANCE VS. FREQUENCY





ELECTRICAL CHARACTERISTICS

Part Number	IMPEDANCE (Ω)	Test Frequency (MHz)	Tolerance ($\pm\%$)	IDC MAX (mA)	Rated Voltage (Vdc)	Rated Max (Ω)	Insulation Resistance (M Ohm)min.
CMM31T-900M-S	90	100	20	370	50	0.3	10
CMM31T-161M-S	160	100	20	340	50	0.4	10
CMM31T-261M-S	260	100	20	310	50	0.5	10
CMM31T-601M-S	600	100	20	260	50	0.8	10
CMM31T-102M-S	1000	100	20	230	50	1.0	10
CMM31T-222M-S	2200	100	20	200	50	1.2	10

* Tolerance: M= $\pm 20\%$

* Packaging: Clear tape and reel {standard}

* Z: Agilent/HP4291A

* RDC(single line): CH502BC, HP4338B

* Insulation Resistance: Agilent/HP4339B

* Operating temperature range from -25°C to $+85^{\circ}\text{C}$

ELECTRICAL CHARACTERISTICS LEAD FREE & ROHS COMPLIANCE

Part No.	Z (Ω)	RDC (Ω)Max.	IDC (mA)MAX	Rated Voltage (Vdc)	Insulation Resistance (M Ω)(min)	Tolerance ($\pm\%$)	Test Freq (MHz)
CMM31T-900□-N	90	0.3	370	50	10	20	100
CMM31T-161□-N	160	0.4	340	50	10	20	100
CMM31T-261□-N	260	0.5	310	50	10	20	100
CMM31T-601□-N	600	0.8	260	50	10	20	100
CMM31T-102□-N	1000	1	230	50	10	20	100
CMM31T-222□-N	2200	1.2	200	50	10	20	100

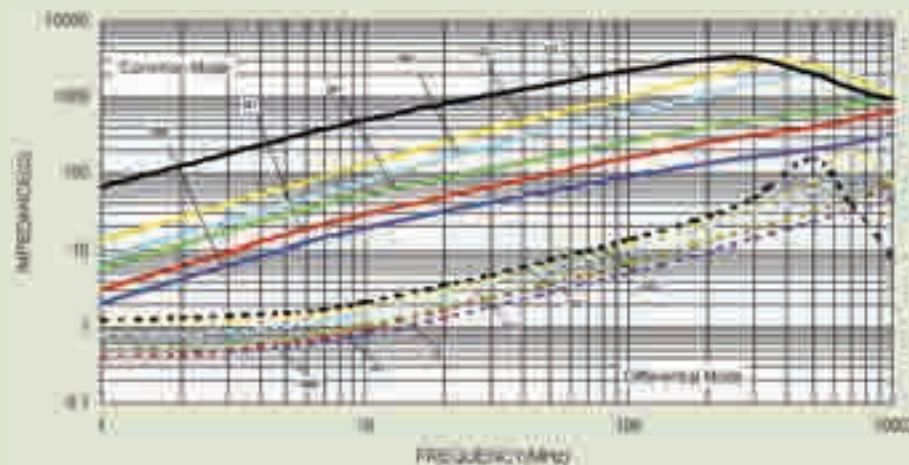
NOTE : □-tolerance M= $\pm 20\%$

1. Operating temperature range -25°C ~ 85°C

2. RDC: SINGLE WIRE TEST VALUE

"-N" FOR COMPLETELY LEAD FREE TYPE(INCLUDING FERRITE BODY & SOLDER)

TYPICAL IMPEDANCE VS. FREQUENCY





ELECTRICAL CHARACTERISTICS

Part Number	IMPEDANCE (Ω)	Test Frequency (MHz)	Tolerance ($\pm\%$)	IDC MAX (mA)	Rated Voltage (Vdc)	Rated Max (Ω)	Insulation Resistance (M Ohm)min.
CMM41T-122M-S	1.25	50	10	800	50	0.5	10
CMM41T-422M-S	4.2	10	10	800	50	0.8	10
CMM41T-113M-S	11.5	10	10	500	85	0.8	10
CMM41T-203M-S	20.0	10	10	400	85	0.8	10

* When ordering, please specify tolerance and packaging codes. Ex: CMM41T-422K-S

Tolerance : K $\pm$ 10%

Packaging : Clear tape and reel(standard).

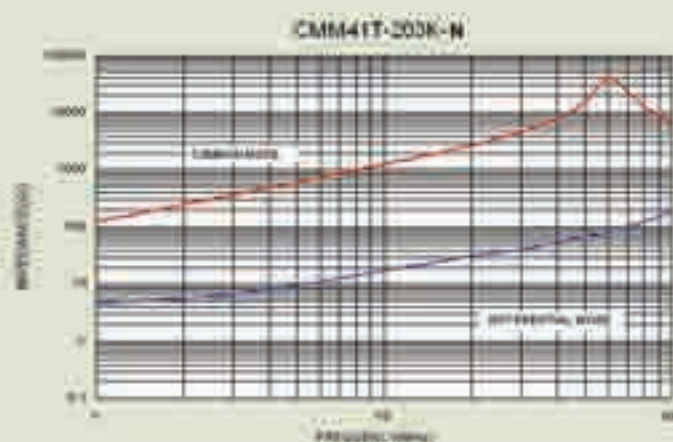
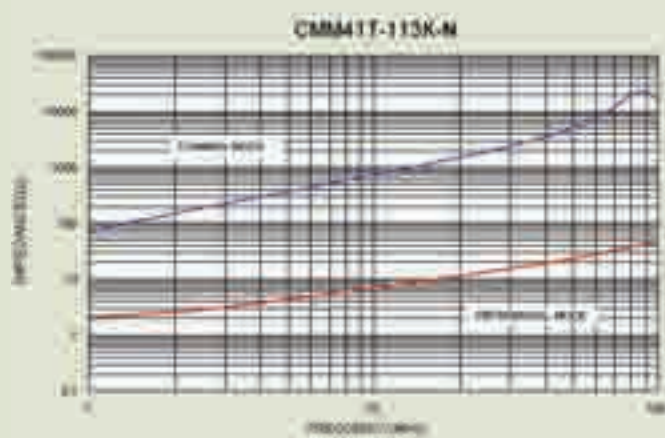
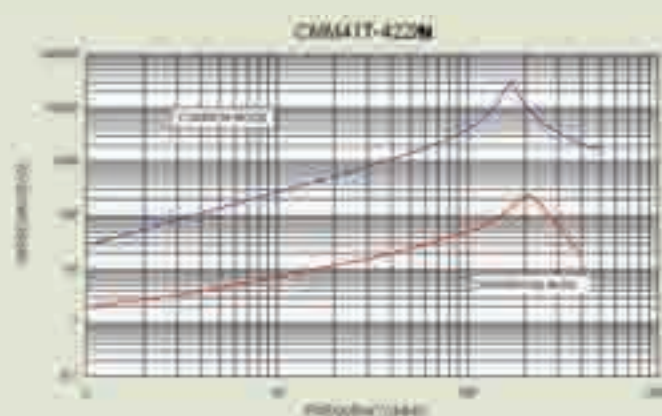
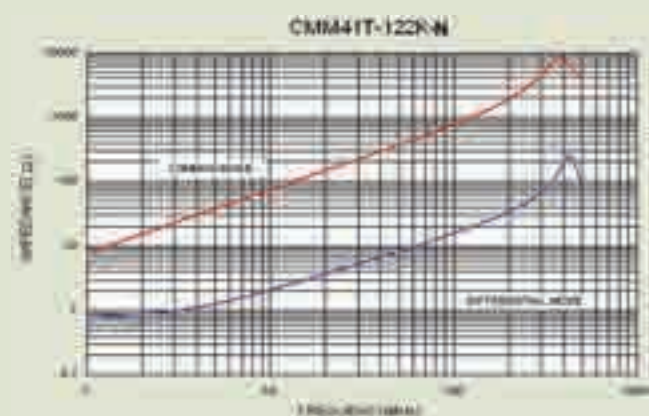
* Z :Agilent/HP4291A

* Rdc(single line) : DIGITAL MULTIMETER SC-740I

* Insulation Resistance :Agilent/HP4339B

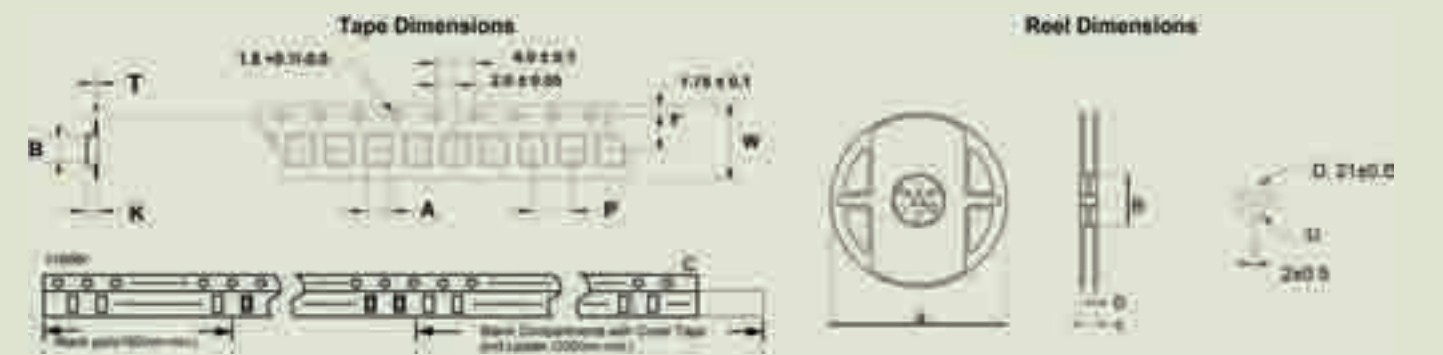
* Operating temperature range from -40°C to 85°C

TYPICAL IMPEDANCE VS. FREQUENCY





ELECTRICAL CHARACTERISTICS



SERIES	TAPE DIMENSIONS							REEL DIMENSIONS				Q'ty/REEL
								A	B	C	D	
CMM21	1.50	2.25	0.23	8	4	3.5	1.70	178	60	12	1.5	2000
CMM31	1.76	3.40	0.23	8	4	3.5	2.20	178	60	12	1.5	2000
CMM41 (122 & 422)	2.85	4.85	0.23	12	4	5.5	2.40	178	60	16	1.5	2000
CMM41 (113 & 203)	4.45	6.10	0.25	12	8	5.5	3.00	178	60	16	1.5	500