BTCA Series



Chilisin offer multilayer devices of Low-Temperature Cofired Ceramics for applications in wireless communication as WLAN, Bluetooth etc. Our commitment is to meet your goals through extensive technological innovation, excellent quality, short lead time and high volume production capability.

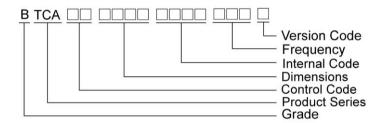
Features

- Monolithic SMD with small
- Low-profile and light-weight type

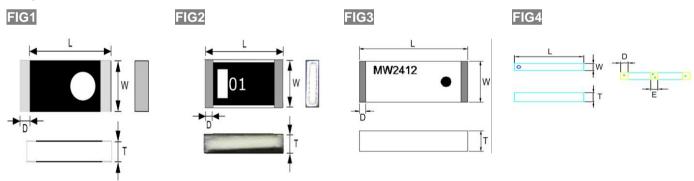
Applications

- Bluetooth
- 2.4GHz Wireless LAN
- Home RF
- Consumer electronic

Product Identification



Shape and Dimensions



Dimensions in mm

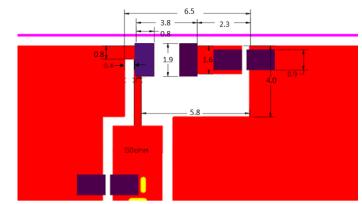
TYPE	FIG	L	W	D	Т
BTCA003216080025GE	1	3.2±0.2	1.6±0.2	0.5±0.2	0.5±0.2
BTCA00321609002G4W	2	3.0±0.2	1.5±0.2	0.2±0.2	0.5±0.2
BTCA00321609005G0W	2	3.2±0.2	1.6±0.2	0.5±0.2	0.5±0.2
BTCA005020100025GM	3	5.0±0.4	2.0±0.4	0.3±0.2	1.0±0.2



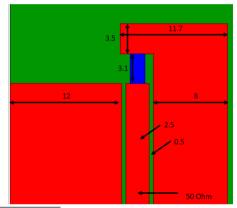


Recommended Pattern

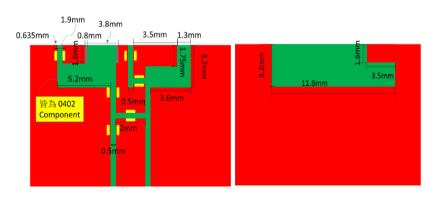
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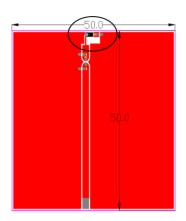
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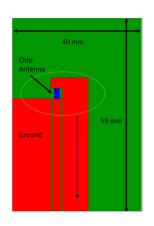


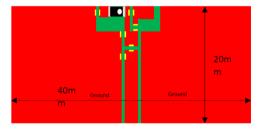
BTCA003216080025GE



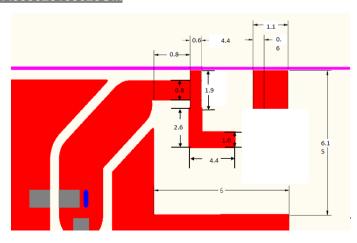
PC Board Pattern

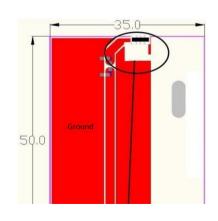






BTCA005020100025GM









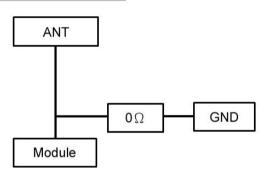
Electrical Characteristics

Part Number	Impedance (Ω)	Test Frequency (GHz)	Bandwidth* (MHz)	Peak Gain* (dBi)	VSWR (Max)	Polarization
BTCA00321609002G4W	50	2.4	100	0~1	2	Linear
BTCA00321609005G0W	50	5	100	-0.3~1.3	2	Linear
BTCA003216080025GE	50	2.4 5	100	1~2	2	Linear
BTCA005020100025GM	50	2.4 5	100	3.2	2	Linear

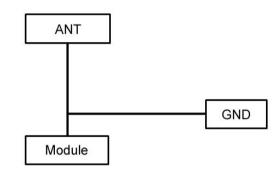
Note: *Depend on PCB layout.

Test Instruments: Agilent E4991A Material/Impedance Analyzer

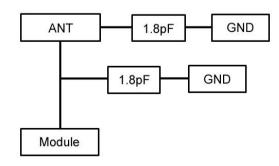
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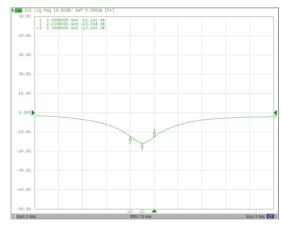


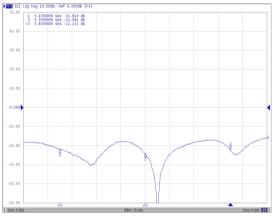
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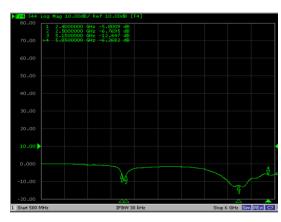


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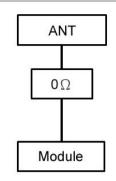


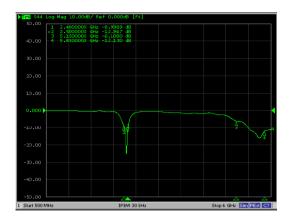




Test Instruments: Agilent E4991A Material/Impedance Analyzer

BTCA005020100025GM





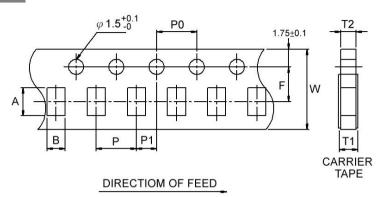


Packaging Specifications

Tape Dimensions

Reel Dimensions





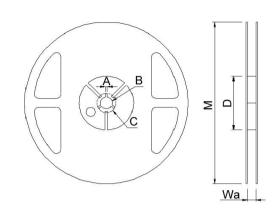
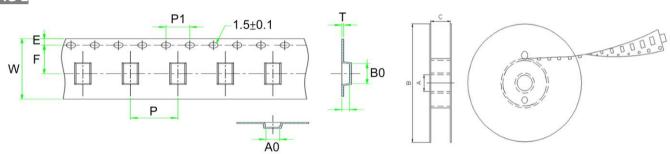


FIG 2



Dimensions

TYPE FI	FIG		Tape Dimensions							Reel Dimensions						Quantity	
	rio	Α	В	T1	w	Р	P0	P1	F	T2	Wa	М	Α	В	С	D	PCS / REEL
BTCA00321605	1	3.5	1.9	0.75	8	4	4	0	3.5	0.75	9	178	2	13.5	21	60	5000
		3.3	1.9	0.75	0	4	4	2	3.3	0.75	12	178	2	13.2	17.7	60	
TYPE	FIG		Tape Dimensions							Reel Dimensions					Quantity		
		Α0	В0	т	E	W	Р	P0	F	K0	Α		В	С		D	PCS / REEL
BTCA005020	2	2.3	5.3	0.3	1.75	16	8	4	7.5	1.3	100) :	330	12		-	5000



单击下面可查看定价,库存,交付和生命周期等信息

>>CHILISIN(奇力新)