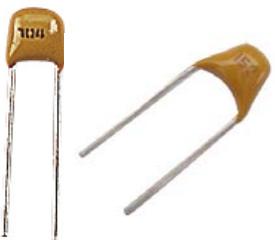


# VTR-B Radial Multilayer Ceramic Capacitor



## Features:

Coating by epoxy resin, creates the excellent humidity resistance and prevents body from damaging during soldering and washing; Industry standard size and various load spacing available. Wide capacitance, Amico packaging available for auto-placement.

Item	Test standard			
	NPO/CG/GH/RH/UJ/SL	X7R(B)	Z5U(E)	Y5V(Y/F)
Capacitance	In the tolerance	In the tolerance	In the tolerance	In the tolerance
Dissipation Factor	<0.15%	<3.5%	<5%	<7.5% (200nF) <10% (220~470nF) <15% (470~1000nF)
Insulation Resistance	<10nF IR<1000GOMΩ C>10nF R·C>100S	<25nF IR>25nF C>25nF R·C>100S	<25nF IR>25nF C>25nF R·C>100S	<25nF IR>25nF C>25nF R·C>100S
Withstanding Voltage	2.5 rated voltage	2.5 rated voltage	2.5 rated voltage	2.5 rated voltage
Test Condition				
Test Frequency	1 MHZ (C>1000PF 1KHz)	1KHz	1KHz	1KHz
Test Voltage of Cap.&D.F	1±0.2V	1±0.2V	0.3±0.2V	0.3±0.2V
Test Voltage of IR	Rated Voltage	Rated Voltage	Rated Voltage	Rated Voltage
Temperature	10~25°C	10~25°C	10~25°C	10~25°C
Humidity	<75%	<75%	<75%	<75%

Size Code	Shape	Dimensions (mm)					Voltage	Capacitance(pF)		
		F (±0.5)	Hmin (±1)	Lmax	Wmax	Tmax		COG(NPO)	X7R	Y5V (Z5U)
0805	a	2.54	5				25V 50V 100V	0R5~332 0R5~222 0R5~102	331~104 331~104 331~104	103~105 103~684
	b	2.54	10							
	C1	5.08	5.0/10.0	4.2	3.8	3.8				
	C2	5.08	5							
	C4	5.08	5.0/10.0							
1206	a	2.54					25V 50V 100V	0R5~682 0R5~472 0R5~392	102~224 102~104 102~105	103~125 103~105
	b	3.5								
	C1	5.08	10.0	5.0	4.5	3.8				
1210	b	3.50					25V 50V 100V	0R5~103 0R5~472 0R5~392	102~334 102~224 102~105	104~155
	C1	5.08								
1812	b	4.57	10.0	8.5	8.5	3.8	25V 50V 100V	561~103 561~682 561~472	103~474 103~334 103~105	154~335
2225	b	5.50	10.0	10.5	9.5	4.2	25V 50V 100V	102~223 102~223 102~103	103~105 103~105 103~474	684~475
3035	b	7.50	10.0	12.5	10.5	4.2	25V 50V 100V	102~104 102~473 102~333	103~225 103~205 103~105	105~106 105~685