



Multilayer Ceramic Capacitors

[BACK](#)

Applications

Package

NPO : Temperature compensation type, with little or no change in capacitance with variation in

temperature. hence, they are used in radio-frequency oscillators, precision timing circuits,

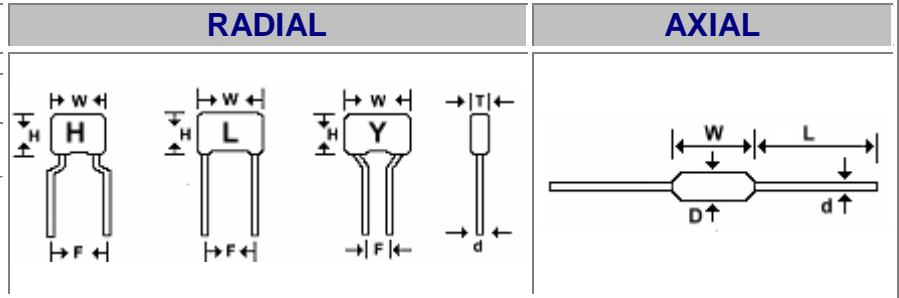
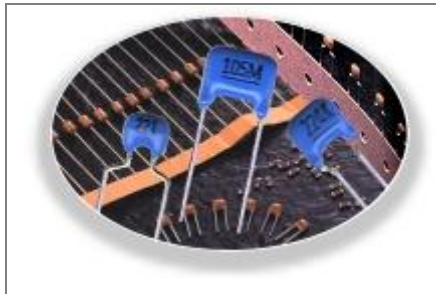
ultrastable amplifiers, etc.

X7R : Temperature stable type for by-pass and decoupling in radio and television receivers,

computer, servo systems, audio tone, and and coupling, etc... where moderate capacitance

variations are permissible and dissipation factor is not critical.

Z5U / Y5V : General type for by-pass and filtering application.



SIZE	LEAD STYLE	Capacitance Range				Dimension (mm)				
		NPO	X7R	Z5U	Y5V	W Max.	H Max.	T Max.	d +- 0.05	F +- 0.8
RD15	L	10 ~1500pF	220pF~0.1uF	0.01~0.22uF	0.01~0.33uF	4.0	4.0	2.2	0.5	2.54
	H					4.0	6.0	2.5	0.5	5.08
RD20	Y	1800~5600pF	0.1~0.27uF	0.33~1.0uF	0.47~1.0uF	5.5	6.0	3.0	0.5	2.54
	H					5.5	6.0	3.0	0.5	5.08
RD30	Y			1.0~1.8uF	1.0~4.7uF	7.0	7.5	3.8	0.5	5.08
	L					7.0	7.5	3.8	0.5	5.08

AX15	10~1000pF	220pF~0.1uF	0.01~0.22uF	0.01~0.22uF	W Max.	D Max.	L Min.	d +- 0.05
					5.0	3.0	20.0	0.5