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## ⑤ Temperature Characteristics

Temperature Characteristic Codes			Temperature Characteristics			Operating Temperature Range
Code	Public STD Code		Reference Temperature	Temperature Range	Capacitance Change or Temperature Coefficient	
<b>1X</b>	SL *1	JIS	20°C	20 to 85°C	+350 to -1000ppm/°C	-55 to 125°C
<b>2C</b>	CH *1	JIS	20°C	20 to 125°C	0±60ppm/°C	-55 to 125°C
<b>2P</b>	PH *1	JIS	20°C	20 to 85°C	-150±60ppm/°C	-25 to 85°C
<b>2R</b>	RH *1	JIS	20°C	20 to 85°C	-220±60ppm/°C	-25 to 85°C
<b>2S</b>	SH *1	JIS	20°C	20 to 85°C	-330±60ppm/°C	-25 to 85°C
<b>2T</b>	TH *1	JIS	20°C	20 to 85°C	-470±60ppm/°C	-25 to 85°C
<b>3C</b>	CJ *1	JIS	20°C	20 to 125°C	0±120ppm/°C	-55 to 125°C
<b>3P</b>	PJ *1	JIS	20°C	20 to 85°C	-150±120ppm/°C	-25 to 85°C
<b>3R</b>	RJ *1	JIS	20°C	20 to 85°C	-220±120ppm/°C	-25 to 85°C
<b>3S</b>	SJ *1	JIS	20°C	20 to 85°C	-330±120ppm/°C	-25 to 85°C
<b>3T</b>	TJ *1	JIS	20°C	20 to 85°C	-470±120ppm/°C	-25 to 85°C
<b>3U</b>	UJ *1	JIS	20°C	20 to 85°C	-750±120ppm/°C	-25 to 85°C
<b>4C</b>	CK *1	JIS	20°C	20 to 125°C	0±250ppm/°C	-55 to 125°C
<b>5C</b>	C0G *1	EIA	25°C	25 to 125°C	0±30ppm/°C	-55 to 125°C
<b>5G</b>	X8G *1	EIA	25°C	25 to 150°C	0±30ppm/°C	-55 to 150°C
<b>6C</b>	C0H *1	EIA	25°C	25 to 125°C	0±60ppm/°C	-55 to 125°C
<b>6P</b>	P2H *1	EIA	25°C	25 to 85°C	-150±60ppm/°C	-55 to 125°C
<b>6R</b>	R2H *1	EIA	25°C	25 to 85°C	-220±60ppm/°C	-55 to 125°C
<b>6S</b>	S2H *1	EIA	25°C	25 to 85°C	-330±60ppm/°C	-55 to 125°C
<b>6T</b>	T2H *1	EIA	25°C	25 to 85°C	-470±60ppm/°C	-55 to 125°C
<b>7U</b>	U2J *1	EIA	25°C	25 to 85°C	-750±120ppm/°C	-55 to 125°C
<b>B1</b>	B *2	JIS	20°C	-25 to 85°C	±10%	-25 to 85°C
<b>B3</b>	B	JIS	20°C	-25 to 85°C	±10%	-25 to 85°C
<b>C7</b>	X7S	EIA	25°C	-55 to 125°C	±22%	-55 to 125°C
<b>C8</b>	X6S	EIA	25°C	-55 to 105°C	±22%	-55 to 105°C
<b>F1</b>	F *2	JIS	20°C	-25 to 85°C	+30, -80%	-25 to 85°C
<b>F5</b>	Y5V	EIA	25°C	-30 to 85°C	+22, -82%	-30 to 85°C
<b>L8</b>	X8L	EIA	25°C	-55 to 150°C	+15, -40%	-55 to 150°C
<b>R1</b>	R *2	JIS	20°C	-55 to 125°C	±15%	-55 to 125°C
<b>R3</b>	R	JIS	20°C	-55 to 125°C	±15%	-55 to 125°C
<b>R6</b>	X5R	EIA	25°C	-55 to 85°C	±15%	-55 to 85°C
<b>R7</b>	X7R	EIA	25°C	-55 to 125°C	±15%	-55 to 125°C
<b>R9</b>	X8R	EIA	25°C	-55 to 150°C	±15%	-55 to 150°C
<b>9E</b>	ZLM	*3	20°C	-25 to 20°C	-4700+100/-2500ppm/°C	-25 to 85°C
				20 to 85°C	-4700+500/-1000ppm/°C	
<b>W0</b>	-	-	25°C	-55 to 125°C	±10% *4	-55 to 125°C
					+22, -33% *5	

\*1 Please refer to table for Capacitance Change under reference temperature.

\*2 Capacitance change is specified with 50% rated voltage applied.

\*3 Murata Temperature Characteristic Code.

\*4 Apply DC350V bias.

\*5 No DC bias.

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