

**Features**

DM series (1000 thermal cycles guaranteed) is designed to meet severe thermal shock requirement.  
Please contact our local office for the details.

**Applications**

Circuits subject to wide temperature changes, such as those of vehicles and electronic communications equipment for outdoor use.

**X7R Dielectric**

Size (EIA Code)	DM105 (0603)			DM21 (0805)			DM316 (1206)		
Temperature Characteristics	W5R, X7R			W5R, X7R			W5R, X7R		
Rated Voltage (VDC)	25	50	100	25	50	100	25	50	100
Capacitance (pF)									
220									
330									
470									
680									
102 1000									
152 1500									
2200									
3300									
4700									
6800									
103 10000									
153 15000									
22000									
33000									
47000									
68000									
104 100000									
154 150000									
220000									
330000									
470000									
680000									
105 1000000									

Optional Spec.

Two digits alphanumeric in capacitance chart denote dimensions and tan  $\delta$ . Please refer to the below table for detail.

(Example)  
In case of "B1" for DM105:  
L : 1.6±0.10mm  
W : 0.8±0.10mm  
T : 0.8±0.10mm  
Tan  $\delta$  : 2.5% max.

Size	Size Code	Dimension (mm)		
		L	W	T
105	B	1.6±0.10	0.8±0.10	0.8±0.10
21	E	2.0±0.10	1.25±0.10	0.85±0.10
	G			1.25±0.10
316	D	3.2±0.20	1.6±0.15	1.15±0.10

Tan $\delta$ Code	Tan $\delta$
1	2.5% max.
2	3.5% max.

