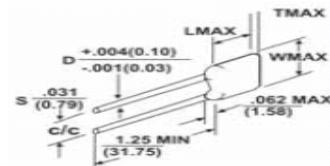


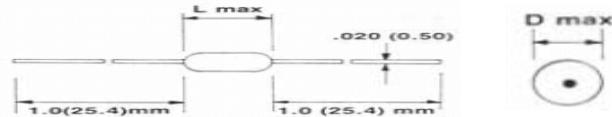
# MULTILAYER CERAMIC CAPACITORS - MC SERIES (DIP) 積層電容

## ▲ RADIAL-TYPE

SIZE CODE	L	W	T	D	S	m/m
A	3.8	3.8	2.54	0.5	2.54	5.08 , 7.62
B	5.08	5.08	3.18	0.5	2.54	5.08 , 7.62
C	7.62	7.62	3.81	0.5		5.08 , 7.62



## ▲ AXIAL-TYPE



SIZE CODE	L	D	LEAD DIA	m/m LEAD LENGTH
D	3.81	2.54	0.5	25.4
E	5.08	3.81	0.5	25.4

## ▲ ELECTRICAL SPECIFICATIONS

(2) capacitance tolerance:(standard)

NPO: F:  $\pm 1\%$ , G:  $\pm 2\%$ , C:  $\pm 0.25\text{pF}$ , D:  $\pm 0.5\text{pF}$ , J:  $\pm 5\%$ , K:  $\pm 10\%$ , M:  $\pm 20\%$

X7R:K:  $\pm 10\%$ , M:  $\pm 20\%$  Y5V:M:  $\pm 20\%$ , Z:  $+80\% - 20\%$

(3) working voltage: 16V, 25V, 50V, 100V, 200V, 500V, 1KV, 2KV, 3KV.

(4) temperature characteristic:

NPO:  $0 \pm 30\text{ppm}^{\circ}\text{C}$  -  $55^{\circ}\text{C}$  to +  $125^{\circ}\text{C}$

X7R:  $\pm 15\text{ppm}^{\circ}\text{C}$  -  $55^{\circ}\text{C}$  to +  $125^{\circ}\text{C}$

Y5V: -  $82\%$  to +  $22\%$  -  $30^{\circ}\text{C}$  to +  $85^{\circ}\text{C}$

## ▲ CAPACITANCE RANGE OF MONO RADIAL

T.C	NPO		X7R		Y5V	
MVDC	50	100	50	100	50	100
1p-100p	V	V				
121	V	V	V	V		
151	V	V	V	V		
181	V	V	V	V		
221	V	V	V	V		
271	V	V	V	V		
331	V	V	V	V		
391	V	V	V	V		
471	V	V	V	V		
561	V	V	V	V		
681	V	V	V	V		
821	V	V	V	V		
102	V	V	V	V		
122	V	V	V	V		
152	V	V	V	V		
182	V	V	V	V		
222	V	V	V	V		
272	V	V	V	V		
332	V	V	V	V		
392	V	V	V	V		
472	V		V	V		
562	V		V	V		
682	V		V	V		
820	V		V	V		
103	V		V	V	V	V
123	V		V	V	V	V
153	V		V	V	V	V
183	V		V	V	V	V
223	V		V	V	V	V
273	V		V	V	V	V
333	V		V	V	V	V
393	V		V	V	V	V
473	V		V	V	V	V
563	V		V	V	V	V
683	V		V	V	V	V
823	V		V	V	V	V
104	V		V	V	V	V
224			V	V	V	V
334			V	V	V	V
474			V	V	V	V
105			V		V	V
155			V		V	V
225			V		V	V
335					V	V
475					V	V
106					V	V
226					V	V
476					V	V

ORDER: MC 104 10% X7R 50V DIP