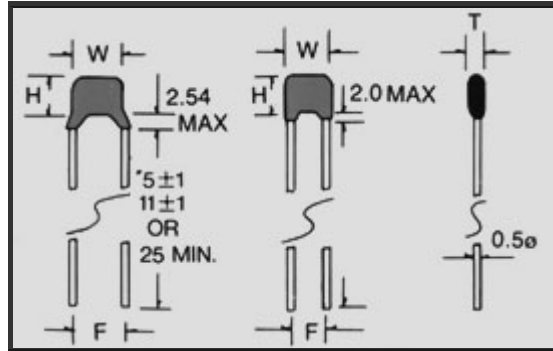


MONOLITHIC CERAMIC CAPACITOR RADIAL LEADS. EPOXY COATED.

1) DIMENSION(MM)

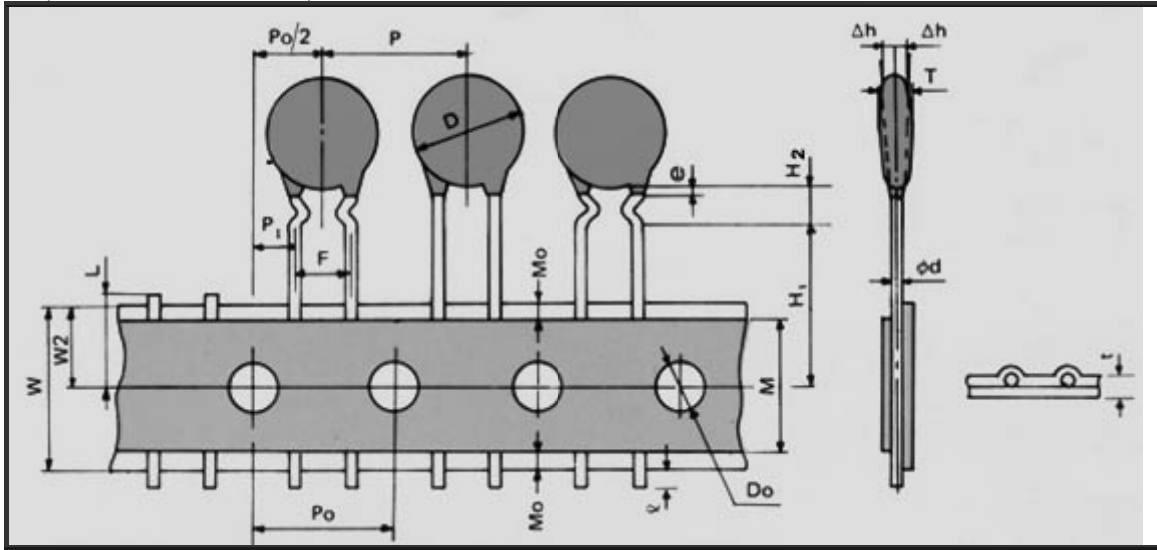
SIZE	W MAX.	H MAX.	T MAX.	F ± 0.8
0805	4.0	4.0	2.5	2.5
0805	4.0	4.0	2.5	5.0
1206	5.2	5.2	3.2	2.5
1206	5.2	5.2	3.2	5.0



2) TEMPERATURE CHARACTERISTIC & CAPACITANCE

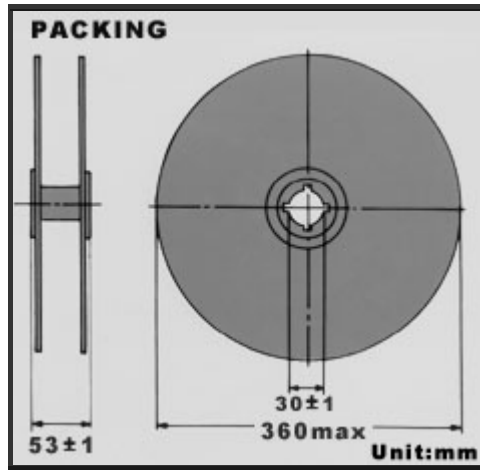
ITEM		NPO(c)	X7R	Z5U/Y5V
1.	OPERATING TEMPERATURE RANGE	-55~℃+125℃	-55℃~+125℃	+10℃~+85℃(Z5) -25℃~+85℃(Y5)
2.	TEMPERATURE COEFFICIENT	0±30 ppm/℃(G) 0±60 ppm/℃(H)	±15%ΔC MAX	+22;Δ56%ΔC MAX (U) +30;Δ80%ΔC MAX(V)
3.	DISSIPATION FACTOR (OR Q VALUE)	Q>1000(C>=30pf) Q>400+20C(C<30pf)	2.5% OR LESS	5% OR LESS (OR<2.5% @0.1 Vrms)
4.	TEST FREQUENCY	1MHz±10% 1±0.2 Vrms, 20℃	1KHz±10% 1±0.2 Vrms, 20℃	1KHz±10% 1±0.2 Vrms, 20℃
5.	INSULATING RESISTANCE	MORE THAN EITHER 10,000MΩ X WHICHEVER VALUE IS SMALLER@20℃ 1/ C value in μF		
6.	RATED VOLTAGE	50VDC	50VDC	50VDC
7.	WITHSTANDING VOLTAGE	150VDC (1~5sec)	125VDC (1~5sec)	1250VDC (1~5sec)
8.	CAPACITANCE TOLERANCE	J. K.	K. M.	M.Z. / Z
9.	CAPACITANCE RANGE	0805	0R5~102	103~224
		1206	0R5~222	473~105
TYPICAL TEMPERATURE CHARACTERISTICS		CAP. CHANGE RATE		

**TAPING
(FORMED LEADS)**



Item	Symbol	Dimension(mm)	Item	Symbol	Dimension(mm)
Disc Pitch	P	12.7	Lead Wire Protrusion	ℓ	+2.0~-1.0
Feed Hole Pitch	Po	12.7 ± 0.2	Feed Hole Diameter	Do	4.0 ± 0.1
Lead-to-lead Pitch	F	5.0 ± 0.8	Lead Diameter	d	0.6 ^{+0.06} / _{-0.05}
Hole Center to Disc Center	Po/2	6.35 ± 1.3	Overall Tape Thickness	t	0.5 ± 0.2
Feed Hole to Lead	P1	3.85 ± 0.7	Disc Thickness	T	3.0MAX
Disc Diameter	D	10.0 MAX	Disc Deflection Front to Real	Δh	0 ± 1.0
Tape Width	W	18.0 ± 0.5	Lead Length after Removal	L	11.0 ⁺⁰ / _{-1.0}
Feed Hole Position	W/2	9.0 ⁺⁰ / _{-0.5}	Adhesive Tape Width	M	15.0 ± 1.0
Position Under Kink	H1	12.0/16.0 ± 0.5	Adhesive Tape Position	Mo	1.5 ± 1.5
Position Under Disk	H2	4.8 MAX	Coating Rundown	e	2.0 MAX

● Straight type leads also applicable.



Reel packing



Flat packing

Reel packing: 2000 or 2500 pcs
Flat packing: 2000 pcs