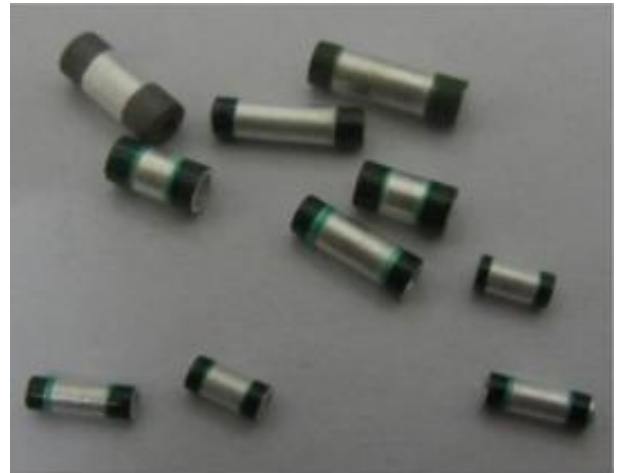


Feed-through Ceramic Capacitor

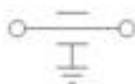
Features for C type

1. Universal filtering for low-cost solutions
2. ideal multi-pin connector application
3. high specific capacitance
4. low inductance, non-polarity
5. moisture and pollution proof
6. $-55^{\circ}\text{C} + 125^{\circ}\text{C}$ operation temp range

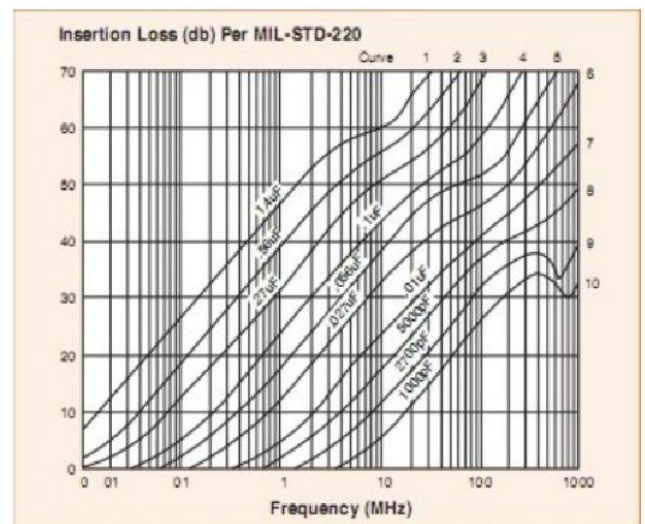


circuit diagram for C type

C型电路图



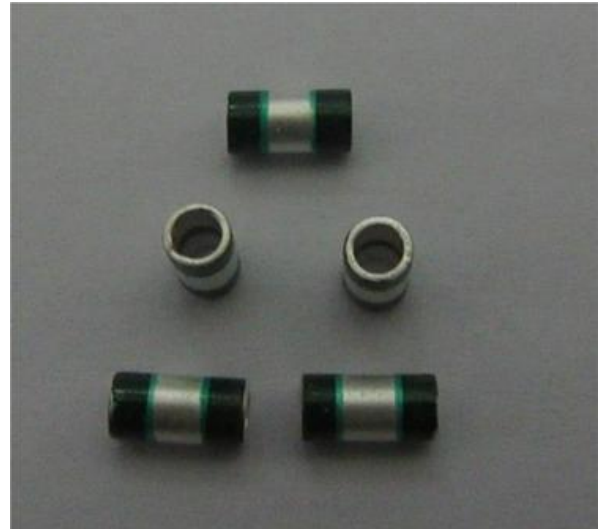
insertion loss



Feed-through Ceramic Capacitor

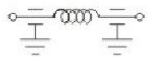
Features for PI type

1. Provides content filtering noise close to the semaphore
2. ideal multi-pin connector application
3. high specific capacitance
4. low inductance, non-polarity
5. moisture and pollution proof
6. $-55^{\circ}\text{C} + 125^{\circ}\text{C}$ operation temp range

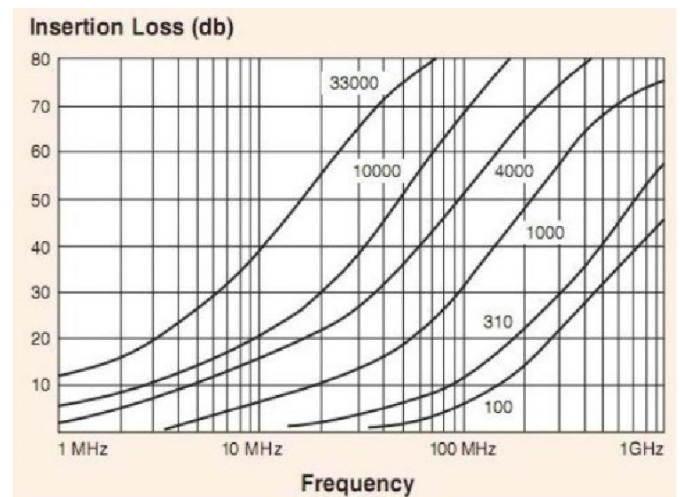


circuit diagram for PI type

PI型电路图



insertion loss



Feed-through Ceramic Capacitor

Specialty pipe

We offer many variations to suit your tubular capacitor.

Custom applications:

Various inside diameter, outside diameter and length configurations



Test

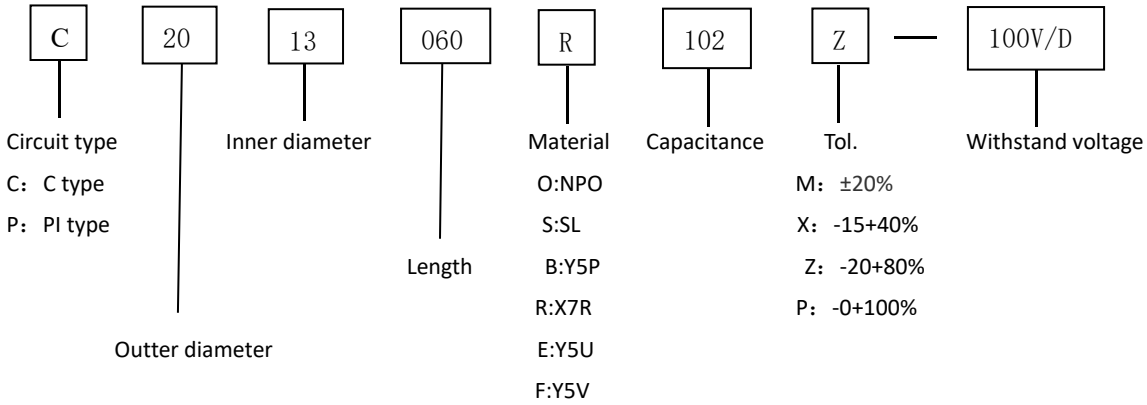
Items	Method	NPO	X7R	Y5V
TCR	EIA 198	$\pm 30\text{ppm}/^\circ\text{C}$, $-55\text{to}+125^\circ\text{C}$	$\pm 15\%$, $-55\text{to}+125^\circ\text{C}$	± 22 , -82% , $-30\text{to}+85^\circ\text{C}$
Electrical parameter test	EIA Code	M、P	M、P、Z	M、P、Z
Capacity measurement 25°C		1 Vrms $\leq 100\text{ pF}$: 1MHz $> 100\text{ pF}$: 1KHz	1 KHz, 1 Vrms	1 KHz, 1.0 Vms
Dissipation factor 25°C		0.15% max	3.5% max	3.5% max
Aging rate (per decade)		No difference	$< 2.0\%$	$< 2.5\%$
Insulation resistance 25°C		$\geq 1 \times 10^3 \text{M}\Omega$	$\geq 1 \times 10^3 \text{M}\Omega$	$\geq 1 \times 10^3 \text{M}\Omega$
Dielectric withstand voltage		250% UR , 5~15mA	250% UR , 5~15mA	250% UR , 5~15mA

Feed-through Ceramic Capacitor

Ordering part no.

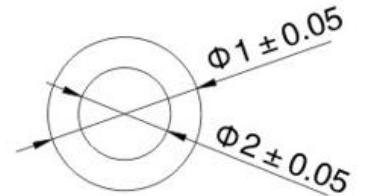
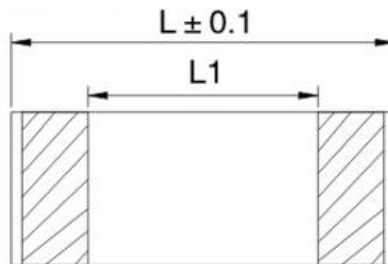
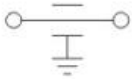
Example:

C2013060R1027-100V/DC



Values for C type

C型电路图



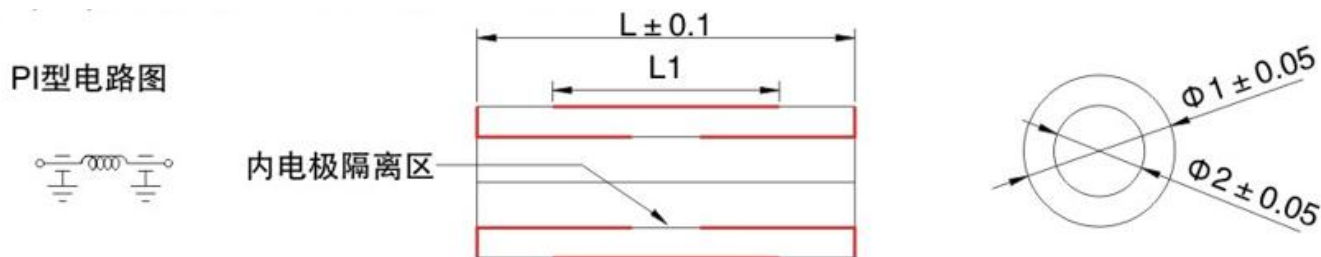
No.	Models	Cap. (PF)	Circuit type	Dimensions			
				$\phi 1 \pm 0.05$	$\phi 2 \pm 0.05$	$L \pm 0.1$	L1
1	C1106042XXXXX	5~3600	c	1.1	0.6	4.2	≥ 2.0
2	C1106055XXXXX	5~3600	c	1.1	0.6	5.5	≥ 2.5
3	C1408042XXXXX	5~3600	c	1.4	0.8	4.2	≥ 2.0
4	C1408060XXXXX	5~3600	c	1.4	0.8	6.0	≥ 2.5
5	C1509042XXXXX	5~3600	c	1.5	0.9	4.2	≥ 2.0
6	C1509055XXXXX	5~4200	c	1.5	0.9	5.5	≥ 2.5
7	C1509062XXXXX	5~4200	c	1.5	0.9	6.2	≥ 2.0
8	C1611042XXXXX	5~4000	c	1.6	1.1	4.2	≥ 2.0
9	C1611055XXXXX	5~6800	c	1.6	1.1	5.5	≥ 2.5

Feed-through Ceramic Capacitor

10	C1611062XXXXX	5~6800	c	1.6	1.1	6.2	≥2.5
11	C1812060XXXXX	10~6800	c	1.8	1.2	6.0	≥2.5
12	C1812080XXXXX	10~8000	c	1.8	1.2	8.0	≥3.0
13	C1812100XXXXX	15~10000	c	1.8	1.2	10.0	≥5.0
14	C1913042XXXXX	10~4200	c	1.9	1.3	4.2	≥2.0
15	C1913060XXXXX	15~6800	c	1.9	1.3	6.0	≥2.5
16	C1913080XXXXX	15~10000	c	1.9	1.3	8.0	≥5.0
17	C1913100XXXXX	15~10000	c	1.9	1.3	10.0	≥6.0
18	C2013042XXXXX	10~4700	c	2.0	1.3	4.2	≥2.0
19	C2013060XXXXX	10~5000	c	2.0	1.3	6.0	≥2.5
20	C2013080XXXXX	10~10000	c	2.0	1.3	8.0	≥4.0
21	C2215042XXXXX	10~5000	c	2.2	1.5	4.2	≥2.0
22	C2215060XXXXX	10~6800	c	2.2	1.5	6.0	≥2.5
23	C2215080XXXXX	10~8000	c	2.2	1.5	8.0	≥4.5
24	C2215100XXXXX	10~10000	c	2.2	1.5	10.0	≥6.0
25	C2515080XXXXX	20~8000	c	2.5	1.5	8.0	≥4.5
26	C2515100XXXXX	20-10000	c	2.5	1.5	10.0	≥6.0
27	C2515115XXXXX	20~10000	c	2.5	1.5	11.5	≥7.0
28	C2518080XXXXX	20~10000	c	2.5	6	8.0	≥4.5
29	C2518100XXXXX	20~12000	c	2.5	1.8	10.0	≥6.0
30	C2518115XXXXX	20~18000	c	2.5	1.8	11.5	≥7.0
31	C3022080XXXXX	10~10000	c	3.0	2.2	8.0	≥4.5
32	C3022100XXXXX	10~20000	c	3.0	2.2	10.0	≥6.0
33	C3022115XXXXX	10~22000	c	3.0	2.2	11.5	≥7.0
34	C3627100XXXXX	10~22000	c	3.6	2.7	10.0	≥6.0
35	C3627125XXXXX	20~25000	c	3.6	2.7	12.5	≥8.0
36	C4031100XXXXX	20~20000	c	4.0	3.1	10.0	≥6.0
37	C4232080XXXXX	10~15000	c	4.2	3.2	8.0	≥4.5
38	C1232100XXXXX	10~15000	c	4.2	3.2	10.0	≥6.0
39	C4232115XXXXX	10~18000	c	4.2	3.2	11.5	≥7.0

Feed-through Ceramic Capacitor

Values for PI type



No.	Models	Cap. (PF)	Circuit type	Dimensions			
				$\Phi 1 \pm 0.05$	$\Phi 2 \pm 0.05$	$L \pm 0.1$	$L1$
1	C1106042XXXXX	5~3600	pi	1.1	0.6	4.2	≥ 2.0
2	C1106055XXXXX	5~3600	pi	1.1	0.6	5.5	≥ 2.5
3	C1408042XXXXX	5~3600	pi	1.4	0.8	4.2	≥ 2.0
4	C1408060XXXXX	5~3600	pi	1.4	0.8	6.0	≥ 2.5
5	C1509042XXXXX	5~3600	pi	1.5	0.9	4.2	≥ 2.0
6	C1509055XXXXX	5~4200	pi	1.5	0.9	5.5	≥ 2.5
7	C1509062XXXXX	5~4200	pi	1.5	0.9	6.2	≥ 2.0
8	C1611042XXXXX	5~4000	pi	1.6	1.1	4.2	≥ 2.0
9	C1611055XXXXX	5~6800	pi	1.6	1.1	5.5	≥ 2.5
10	C1611062XXXXX	5~6800	pi	1.6	1.1	6.2	≥ 2.5
11	C1812060XXXXX	10~6800	pi	1.8	1.2	6.0	≥ 2.5
12	C1812080XXXXX	10~8000	pi	1.8	1.2	8.0	≥ 3.0
13	C1812100XXXXX	15~10000	pi	1.8	1.2	10.0	≥ 5.0
14	C1913042XXXXX	10~4200	pi	1.9	1.3	4.2	≥ 2.0
15	C1913060XXXXX	15~6800	pi	1.9	1.3	6.0	≥ 2.5
16	C1913080XXXXX	15~10000	pi	1.9	1.3	8.0	≥ 5.0
17	C1913100XXXXX	15~10000	pi	1.9	1.3	10.0	≥ 6.0
18	C2013042XXXXX	10~4700	pi	2.0	1.3	4.2	≥ 2.0
19	C2013060XXXXX	10~5000	pi	2.0	1.3	6.0	≥ 2.5
20	C2013080XXXXX	10~10000	pi	2.0	1.3	8.0	≥ 4.0
21	C2215042XXXXX	10~5000	pi	2.2	1.5	4.2	≥ 2.0
22	C2215060XXXXX	10~6800	pi	2.2	1.5	6.0	≥ 2.5
23	C2215080XXXXX	10~8000	pi	2.2	1.5	8.0	≥ 4.5
24	C2215100XXXXX	10~10000	pi	2.2	1.5	10.0	≥ 6.0
25	C2515080XXXXX	20~8000	pi	2.5	1.5	8.0	≥ 4.5

Feed-through Ceramic Capacitor

26	C2515100XXXXX	20~10000	pi	2.5	1.5	10.0	≥6.0
27	C2515115XXXXX	20~10000	pi	2.5	1.5	11.5	≥7.0
28	C2518080XXXXX	20~10000	pi	2.5	1.8	8.0	≥4.5
29	C2518100XXXXX	20~12000	pi	2.5	1.8	10.0	≥6.0
30	C2518115XXXXX	20~18000	pi	2.5	1.8	11.5	≥7.0
31	C3022080XXXXX	10~10000	pi	3.0	2.2	8.0	≥4.5
32	C3022100XXXXX	10~20000	pi	3.0	2.2	10.0	≥6.0
33	C3022115XXXXX	10~22000	pi	3.0	2.2	11.5	≥7.0
34	C3627100XXXXX	10~22000	pi	3.6	2.7	10.0	≥6.0
35	C3627125XXXXX	20~25000	pi	3.6	2.7	12.5	≥8.0
36	C4031100XXXXX	20~20000	pi	4.0	3.1	10.0	≥6.0
37	C4232080XXXXX	10~15000	pi	4.2	3.2	8.0	≥4.5
38	C1232100XXXXX	10~15000	pi	4.2	3.2	10.0	≥6.0
39	C4232115XXXXX	10~18000	pi	4.2	3.2	11.5	≥7.0