Radial & Axial

TYPE DESIGNATION (HOW TO ORDER)

CR	051B	X7R	104	K	500	F
CA	2633	Y5V	104	Z	500	F

CAPACITANCE CODE
THIS IS EXPRESSED IN PICOFARADS THE FIRST DIGITS ARE SIGNIFICANT FIGURES. THE THIRD IS THE NUMBER OF ZEROS.

EIA TEMPERATURE CHARACTERISTICS

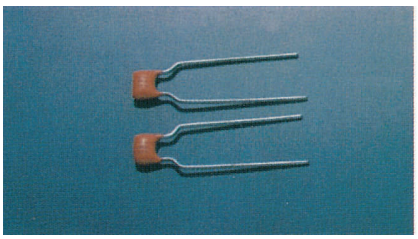
EIA Characteristic	Temperature Range	Maximum Capacitance Change Over Temperature Range
Z5U	+10℃ to + 85℃	-56% +22%
X7R	-55℃ to + 125℃	±15%
COG	-55℃ to + 125℃	0±30ppm/℃
Y5V	-30℃ to +85℃	-82% + 22%

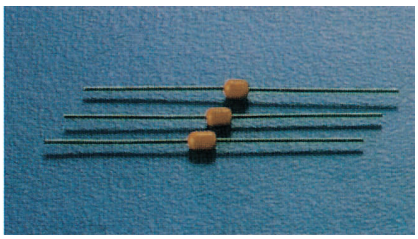
VOLTAGE RATING.
THE D.C WORKING VOLTAGE RATING AT MAXIMUM OPERATING TEMPERATURE THE FIRST TWO DIGITS ARE SIGNIFICANT FIGURES, THE THIRD IS THE NUMBER OF ZEROS

TYPE CODE
SEE DIMENSIONS.

TOLERANCE CODE
G = ±2 %
J = ±5 %
K = ±10 %
M = ±20 %
Z = + 80 ~ -20 %
*For capacitance values Below 10 pF only.

PACKING CODE
B-BULK PACK
R-REEL PACK
F-FLAT PACK

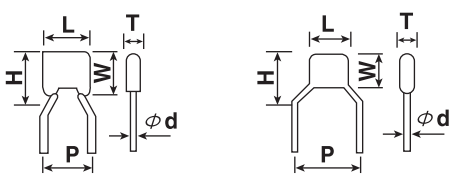


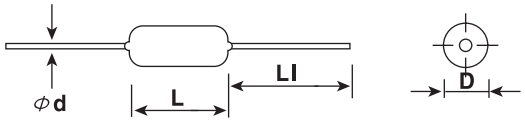


DIMENSIONS BY TYPE

(Unit:mm)

RADIAL							AXIAL				
TYPE	P	H (max)	L (max)	W (max)	T (max)	ϕd	TYPE	L (±0.3)	D (max)	Ll (max)	ϕd
CR051B	5.0	6.4	5.1	5.1	3.2	0.5	CA2633	3.3	2.6	25	0.5





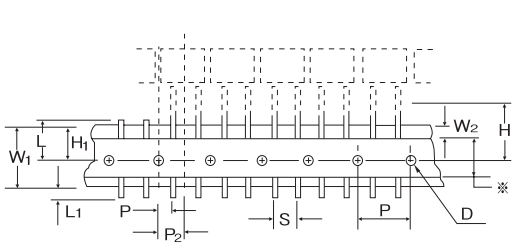
Radial & Axial

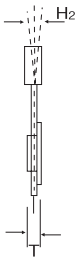
CAPACITANCE RANGE TYPE

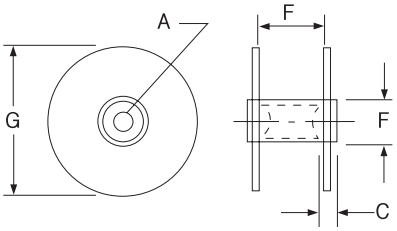
CAPACITANCE VALUE	TYPE	RADIAL CR051 C0G	RADIAL CR051 X7R	RADIAL CR051 Z5U	RADIAL CR051 Y5V	AXIAL CA2633 C0G	AXIAL CA2633 X7R	AXIAL CA2633 Z5U	AXIAL CA2633 Y5V
1 pF	010	010							
2	020								
3	030								
4	040								
5	050								
6	060								
7	070								
8	080								
9	090								
10	100								
12	120								
15	150								
16	160								
18	180								
20	200								
22	220					220			
24	240								
27	270								
30	300								
33	330								
36	360								
39	390								
43	430								
47	470								
51	510								
56	560								
62	620								
68	680								
75	750								
82	820								
91	910								
100	101		101						
120	121								
150	151								
180	181								
220	221								
270	271								
330	331								
390	391								
470	471								
560	561								
680	681								
820	821								
1000	102			102			102		
1200	122								
1500	152								
1800	182								
2200	222								
2700	272								
3300	332	332							
3900	392								
4700	472								
5600	562								
6800	682								
8200	822								
10 pF	103				103	103			
15	153							153	
22	223								
33	333								
47	473								
68	683								
100	104								104
150	154		154						
220	224						224		
330	334								
470	474			474	474			474	
680	684								
1000	105								105

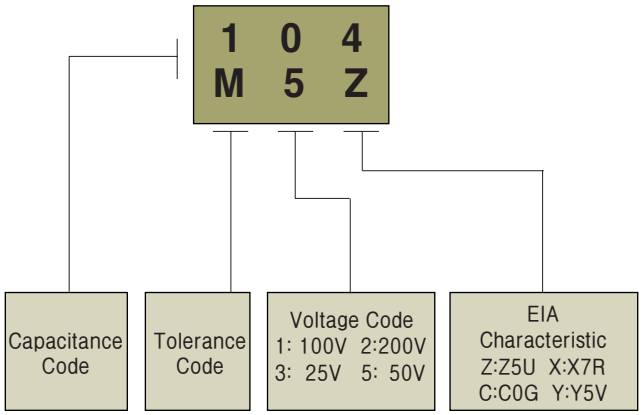
Radial & Axial

MARKING (PRINT ON THE ONE SIDE)



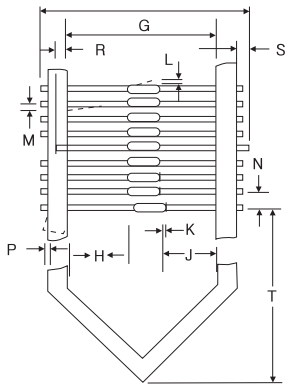






(Unit:mm)

CODE	DIMENSIONS	TOLERANCE	CODE	DIMENSIONS	TOLERANCE	CODE	DIMENSIONS	TOLERANCE
D	4.0	±0.30	P1	3.85	±0.7	C	9.50	min
H	16.00	±0.50	P2	6.35	±1.30	E	29.97-50.04	within range
H1	9.0	±0.76-0.50	T	0.9	max	F	34.89-102.00	within range
H2	0.00	±2.00	W1	18.00	±0.5	G	76.20-358.14	within range
L	11.00	max	W2	6.0	±0.5	S	5.00	±0.7
L1	1.5	max	A	13.79-38.10	within range	※	No adhesive may be exposed	
P	12.70	±0.30	B	28.57-86.00	within range			



(Unit:mm)

CODE	F	
PACKING TYPE	52	26
DIMENSION	64.8	38.8
TOLERANCE	+2.0 -0	

(Unit:mm)

CODE	DIMENSIONS	TOLERANCE	CODE	DIMENSIONS	TOLERANCE
H	=J	±1.20	N	5.00	±0.40
J	=H	±1.20	P	0.80	max
K	0.80	max	R	3.20	min
L	1.20	max	S	1.60	max
M	1.20	max	T	610.00	min