

Mid Voltage Multilayer Ceramic Chip Capacitors

C Series

FEATURES

- The unique design structure for mid voltage enables a compact size with high voltage withstanding.
- Rated voltage Edc: 100, 250 and 630V.
- C3225, C4532 and C5750 types are specific to reflow soldering.

PRODUCT IDENTIFICATION

C 1608 CH 2E 101 J □
 (1) (2) (3) (4) (5) (6) (7)

(1) Series name

(2) Dimensions

1608	1.6×0.8mm
2012	2.0×1.25mm
3216	3.2×1.6mm
3225	3.2×2.5mm
4532	4.5×3.2mm
5750	5.7×5.0mm

(3) Capacitance temperature characteristics

Class 1 (Temperature compensation)

Temperature characteristics	Capacitance change	Temperature range
CH	0±60ppm/°C	-25 to +85°C
C0G	0±30ppm/°C	-55 to +125°C

Class 2

Temperature characteristics	Capacitance change	Temperature range
B(JB*)	±10%	-25 to +85°C
X7R	±15%	-55 to +125°C
X5R	±15%	-55 to +85°C

*JB(JIS: BJ)

(4) Rated voltage Edc

2A	100V
2E	250V
2J	630V

APPLICATIONS

Snapper circuits for switching power supply, ringer circuits for telephone and modem, or other general high voltage circuits.

(5) Nominal capacitance

The capacitance is expressed in three digit codes and in units of pico farads (pF).

The first and second digits identify the first and second significant figures of the capacitance.

The third digit identifies the multiplier.

R designates a decimal point.

101	100pF
102	1,000pF
333	33,000pF
474	470,000pF

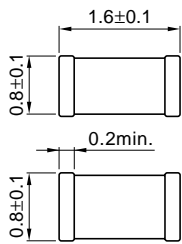
(6) Capacitance tolerance

J	±5%
K	±10%
M	±20%

(7) Packaging style

T	Taping (reel)
B	Bulk

C1608 (EIA CC0603) TYPE SHAPES AND DIMENSIONS



Dimensions in mm



CAPACITANCE RANGES: CLASS 1 TEMPERATURE CHARACTERISTICS: JIS CH(0±60ppm/°C), EIA C0G(0±30ppm/°C)

RATED VOLTAGE Edc: 250V

Capacitance (pF)	Tolerance	Thickness T (mm)max.	Part number
100	±5%	0.8±0.1	C1608CH2E101J
	±10%	0.8±0.1	C1608CH2E101K
120	±5%	0.8±0.1	C1608CH2E121J
	±10%	0.8±0.1	C1608CH2E121K
150	±5%	0.8±0.1	C1608CH2E151J
	±10%	0.8±0.1	C1608CH2E151K
180	±5%	0.8±0.1	C1608CH2E181J
	±10%	0.8±0.1	C1608CH2E181K
220	±5%	0.8±0.1	C1608CH2E221J
	±10%	0.8±0.1	C1608CH2E221K
270	±5%	0.8±0.1	C1608CH2E271J
	±10%	0.8±0.1	C1608CH2E271K
330	±5%	0.8±0.1	C1608CH2E331J
	±10%	0.8±0.1	C1608CH2E331K
390	±5%	0.8±0.1	C1608CH2E391J
	±10%	0.8±0.1	C1608CH2E391K
470	±5%	0.8±0.1	C1608CH2E471J
	±10%	0.8±0.1	C1608CH2E471K
560	±5%	0.8±0.1	C1608CH2E561J
	±10%	0.8±0.1	C1608CH2E561K
680	±5%	0.8±0.1	C1608CH2E681J
	±10%	0.8±0.1	C1608CH2E681K

RATED VOLTAGE Edc: 100V

Capacitance (pF)	Tolerance	Thickness T (mm)max.	Part number
100	±5%	0.8±0.1	C1608CH2A101J
	±10%	0.8±0.1	C1608CH2A101K
120	±5%	0.8±0.1	C1608CH2A121J
	±10%	0.8±0.1	C1608CH2A121K
150	±5%	0.8±0.1	C1608CH2A151J
	±10%	0.8±0.1	C1608CH2A151K
180	±5%	0.8±0.1	C1608CH2A181J
	±10%	0.8±0.1	C1608CH2A181K
220	±5%	0.8±0.1	C1608CH2A221J
	±10%	0.8±0.1	C1608CH2A221K
270	±5%	0.8±0.1	C1608CH2A271J
	±10%	0.8±0.1	C1608CH2A271K
330	±5%	0.8±0.1	C1608CH2A331J
	±10%	0.8±0.1	C1608CH2A331K
390	±5%	0.8±0.1	C1608CH2A391J
	±10%	0.8±0.1	C1608CH2A391K
470	±5%	0.8±0.1	C1608CH2A471J
	±10%	0.8±0.1	C1608CH2A471K
560	±5%	0.8±0.1	C1608CH2A561J
	±10%	0.8±0.1	C1608CH2A561K
680	±5%	0.8±0.1	C1608CH2A681J
	±10%	0.8±0.1	C1608CH2A681K
1,000	±5%	0.8±0.1	C1608CH2A102J
	±10%	0.8±0.1	C1608CH2A102K
1,200	±5%	0.8±0.1	C1608CH2A122J
	±10%	0.8±0.1	C1608CH2A122K

• Part number for temperature characteristic C0G

Please substitute "C0G" for "CH" in the part number when ordering.

CAPACITANCE RANGES: CLASS 2 TEMPERATURE CHARACTERISTICS: JIS B(BJ)(±10%), EIA X5R/X7R(±15%)

RATED VOLTAGE Edc: 100V

Capacitance (pF)	Tolerance	Thickness T (mm)max.	Part number
1,000	±10%	0.8±0.1	C1608JB2A102K
	±20%	0.8±0.1	C1608JB2A102M
1,500	±10%	0.8±0.1	C1608JB2A152K
	±20%	0.8±0.1	C1608JB2A152M
2,200	±10%	0.8±0.1	C1608JB2A222K
	±20%	0.8±0.1	C1608JB2A222M
3,300	±10%	0.8±0.1	C1608JB2A332K
	±20%	0.8±0.1	C1608JB2A332M
4,700	±10%	0.8±0.1	C1608JB2A472K
	±20%	0.8±0.1	C1608JB2A472M
6,800	±10%	0.8±0.1	C1608JB2A682K
	±20%	0.8±0.1	C1608JB2A682M
10,000	±10%	0.8±0.1	C1608JB2A103K
	±20%	0.8±0.1	C1608JB2A103M
15,000	±10%	0.8±0.1	C1608JB2A153K
	±20%	0.8±0.1	C1608JB2A153M
22,000	±10%	0.8±0.1	C1608JB2A223K
	±20%	0.8±0.1	C1608JB2A223M

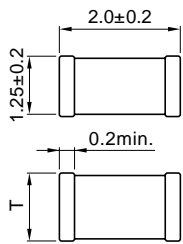
• Part number for temperature characteristic X5R or X7R

Please substitute "X5R" or "X7R" for "JB" in the part number when ordering.

• Standard tolerance is ±20% for B and X7R products.

• For more information about the products of other capacitance or data, please contact us.

C2012 (EIA CC0805) TYPE SHAPES AND DIMENSIONS



Dimensions in mm



CAPACITANCE RANGES: CLASS 1

TEMPERATURE CHARACTERISTICS:

JIS CH(0±60ppm/°C), EIA C0G(0±30ppm/°C)

RATED VOLTAGE Edc: 250V

Capacitance (pF)	Tolerance	Thickness T (mm)max.	Part number
820	±5%	0.6±0.1	C2012CH2E821J
	±10%	0.6±0.1	C2012CH2E821K
1,000	±5%	0.85±0.15	C2012CH2E102J
	±10%	0.85±0.15	C2012CH2E102K
1,200	±5%	0.85±0.15	C2012CH2E122J
	±10%	0.85±0.15	C2012CH2E122K
1,500	±5%	0.85±0.15	C2012CH2E152J
	±10%	0.85±0.15	C2012CH2E152K
1,800	±5%	1.25±0.2	C2012CH2E182J
	±10%	1.25±0.2	C2012CH2E182K
2,200	±5%	1.25±0.2	C2012CH2E222J
	±10%	1.25±0.2	C2012CH2E222K
2,700	±5%	1.25±0.2	C2012CH2E272J
	±10%	1.25±0.2	C2012CH2E272K

RATED VOLTAGE Edc: 100V

Capacitance (pF)	Tolerance	Thickness T (mm)max.	Part number
1,000	±5%	0.6±0.1	C2012CH2A102J
	±10%	0.6±0.1	C2012CH2A102K
1,200	±5%	0.6±0.1	C2012CH2A122J
	±10%	0.6±0.1	C2012CH2A122K
1,500	±5%	0.6±0.1	C2012CH2A152J
	±10%	0.6±0.1	C2012CH2A152K
1,800	±5%	0.85±0.15	C2012CH2A182J
	±10%	0.85±0.15	C2012CH2A182K
2,200	±5%	0.85±0.15	C2012CH2A222J
	±10%	0.85±0.15	C2012CH2A222K
2,700	±5%	1.25±0.2	C2012CH2A272J
	±10%	1.25±0.2	C2012CH2A272K
3,300	±5%	1.25±0.2	C2012CH2A332J
	±10%	1.25±0.2	C2012CH2A332K
3,900	±5%	1.25±0.2	C2012CH2A392J
	±10%	1.25±0.2	C2012CH2A392K
4,700	±5%	1.25±0.2	C2012CH2A472J
	±10%	1.25±0.2	C2012CH2A472K

• Part number for temperature characteristic C0G
Please substitute "C0G" for "CH" in the part number when ordering.

CAPACITANCE RANGES: CLASS 2

TEMPERATURE CHARACTERISTICS:

JIS B(BJ)(±10%), EIA X5R/X7R(±15%)

RATED VOLTAGE Edc: 250V

Capacitance (pF)	Tolerance	Thickness T (mm)max.	Part number
1,000	±10%	0.85±0.15	C2012JB2E102K
	±20%	0.85±0.15	C2012JB2E102M
1,500	±10%	0.85±0.15	C2012JB2E152K
	±20%	0.85±0.15	C2012JB2E152M
2,200	±10%	0.85±0.15	C2012JB2E222K
	±20%	0.85±0.15	C2012JB2E222M
3,300	±10%	0.85±0.15	C2012JB2E332K
	±20%	0.85±0.15	C2012JB2E332M
4,700	±10%	0.85±0.15	C2012JB2E472K
	±20%	0.85±0.15	C2012JB2E472M
6,800	±10%	1.25±0.2	C2012JB2E682K
	±20%	1.25±0.2	C2012JB2E682M
10,000	±10%	1.25±0.2	C2012JB2E103K
	±20%	1.25±0.2	C2012JB2E103M
15,000	±10%	1.25±0.2	C2012JB2E153K
	±20%	1.25±0.2	C2012JB2E153M
22,000	±10%	1.25±0.2	C2012JB2E223K
	±20%	1.25±0.2	C2012JB2E223M

RATED VOLTAGE Edc: 100V

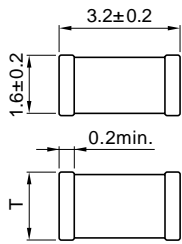
Capacitance (pF)	Tolerance	Thickness T (mm)max.	Part number
1,000	±10%	0.85±0.15	C2012JB2A102K
	±20%	0.85±0.15	C2012JB2A102M
1,500	±10%	0.85±0.15	C2012JB2A152K
	±20%	0.85±0.15	C2012JB2A152M
2,200	±10%	0.85±0.15	C2012JB2A222K
	±20%	0.85±0.15	C2012JB2A222M
3,300	±10%	0.85±0.15	C2012JB2A332K
	±20%	0.85±0.15	C2012JB2A332M
4,700	±10%	0.85±0.15	C2012JB2A472K
	±20%	0.85±0.15	C2012JB2A472M
6,800	±10%	0.85±0.15	C2012JB2A682K
	±20%	0.85±0.15	C2012JB2A682M
10,000	±10%	0.85±0.15	C2012JB2A103K
	±20%	0.85±0.15	C2012JB2A103M
15,000	±10%	1.25±0.2	C2012JB2A153K
	±20%	1.25±0.2	C2012JB2A153M
22,000	±10%	1.25±0.2	C2012JB2A223K
	±20%	1.25±0.2	C2012JB2A223M
33,000	±10%	1.25±0.2	C2012JB2A333K
	±20%	1.25±0.2	C2012JB2A333M
47,000	±10%	1.25±0.2	C2012JB2A473K
	±20%	1.25±0.2	C2012JB2A473M
68,000	±10%	1.25±0.2	C2012JB2A683K
	±20%	1.25±0.2	C2012JB2A683M
100,000	±10%	1.25±0.2	C2012JB2A104K
	±20%	1.25±0.2	C2012JB2A104M

• Part number for temperature characteristic X5R or X7R
Please substitute "X5R" or "X7R" for "JB" in the part number when ordering.

• Standard tolerance is ±20% for B and X7R products.

• For more information about the products of other capacitance or data, please contact us.

C3216 (EIA CC1206) TYPE SHAPES AND DIMENSIONS



Dimensions in mm



CAPACITANCE RANGES: CLASS 1 TEMPERATURE CHARACTERISTICS: JIS CH(0±60ppm/°C), EIA C0G(0±30ppm/°C)

RATED VOLTAGE Edc: 630V

Capacitance (pF)	Tolerance	Thickness T (mm)max.	Part number
100	±5%	0.6±0.1	C3216CH2J101J
	±10%	0.6±0.1	C3216CH2J101K
120	±5%	0.6±0.1	C3216CH2J121J
	±10%	0.6±0.1	C3216CH2J121K
150	±5%	0.6±0.1	C3216CH2J151J
	±10%	0.6±0.1	C3216CH2J151K
180	±5%	0.6±0.1	C3216CH2J181J
	±10%	0.6±0.1	C3216CH2J181K
220	±5%	0.6±0.1	C3216CH2J221J
	±10%	0.6±0.1	C3216CH2J221K
270	±5%	0.6±0.1	C3216CH2J271J
	±10%	0.6±0.1	C3216CH2J271K
330	±5%	0.6±0.1	C3216CH2J331J
	±10%	0.6±0.1	C3216CH2J331K
390	±5%	0.6±0.1	C3216CH2J391J
	±10%	0.6±0.1	C3216CH2J391K
470	±5%	0.85±0.15	C3216CH2J471J
	±10%	0.85±0.15	C3216CH2J471K
560	±5%	0.85±0.15	C3216CH2J561J
	±10%	0.85±0.15	C3216CH2J561K
680	±5%	0.85±0.15	C3216CH2J681J
	±10%	0.85±0.15	C3216CH2J681K
1,000	±5%	0.85±0.15	C3216CH2J102J
	±10%	0.85±0.15	C3216CH2J102K
1,200	±5%	0.85±0.15	C3216CH2J122J
	±10%	0.85±0.15	C3216CH2J122K
1,500	±5%	1.15±0.15	C3216CH2J152J
	±10%	1.15±0.15	C3216CH2J152K
1,800	±5%	1.15±0.15	C3216CH2J182J
	±10%	1.15±0.15	C3216CH2J182K
2,200	±5%	1.15±0.15	C3216CH2J222J
	±10%	1.15±0.15	C3216CH2J222K
2,700	±5%	1.6±0.2	C3216CH2J272J
	±10%	1.6±0.2	C3216CH2J272K
3,300	±5%	1.6±0.2	C3216CH2J332J
	±10%	1.6±0.2	C3216CH2J332K

RATED VOLTAGE Edc: 250V

Capacitance (pF)	Tolerance	Thickness T (mm)max.	Part number
3,300	±5%	0.85±0.15	C3216CH2E332J
	±10%	0.85±0.15	C3216CH2E332K
3,900	±5%	1.15±0.15	C3216CH2E392J
	±10%	1.15±0.15	C3216CH2E392K
4,700	±5%	1.15±0.15	C3216CH2E472J
	±10%	1.15±0.15	C3216CH2E472K
5,600	±5%	1.15±0.15	C3216CH2E562J
	±10%	1.15±0.15	C3216CH2E562K
6,800	±5%	1.6±0.2	C3216CH2E682J
	±10%	1.6±0.2	C3216CH2E682K
8,200	±5%	1.6±0.2	C3216CH2E822J
	±10%	1.6±0.2	C3216CH2E822K

RATED VOLTAGE Edc: 100V

Capacitance (pF)	Tolerance	Thickness T (mm)max.	Part number
3,900	±5%	0.6±0.1	C3216CH2A392J
	±10%	0.6±0.1	C3216CH2A392K
4,700	±5%	0.85±0.15	C3216CH2A472J
	±10%	0.85±0.15	C3216CH2A472K
5,600	±5%	0.85±0.15	C3216CH2A562J
	±10%	0.85±0.15	C3216CH2A562K
6,800	±5%	1.15±0.15	C3216CH2A682J
	±10%	1.15±0.15	C3216CH2A682K
8,200	±5%	1.15±0.15	C3216CH2A822J
	±10%	1.15±0.15	C3216CH2A822K
10,000	±5%	1.15±0.15	C3216CH2A103J
	±10%	1.15±0.15	C3216CH2A103K

- Part number for temperature characteristic C0G
Please substitute "C0G" for "CH" in the part number when ordering.
- For more information about the products of other capacitance or data, please contact us.

CAPACITANCE RANGES: CLASS 2
TEMPERATURE CHARACTERISTICS:
JIS B(BJ)(±10%), EIA X5R/X7R(±15%)

RATED VOLTAGE E_{dc}: 630V

Capacitance (pF)	Tolerance	Thickness T (mm)max.	Part number
1,000	±10%	1.15±0.15	C3216JB2J102K
	±20%	1.15±0.15	C3216JB2J102M
1,500	±10%	1.15±0.15	C3216JB2J152K
	±20%	1.15±0.15	C3216JB2J152M
2,200	±10%	1.15±0.15	C3216JB2J222K
	±20%	1.15±0.15	C3216JB2J222M
3,300	±10%	1.15±0.15	C3216JB2J332K
	±20%	1.15±0.15	C3216JB2J332M
4,700	±10%	1.15±0.15	C3216JB2J472K
	±20%	1.15±0.15	C3216JB2J472M
6,800	±10%	1.15±0.15	C3216JB2J682K
	±20%	1.15±0.15	C3216JB2J682M
10,000	±10%	1.15±0.15	C3216JB2J103K
	±20%	1.15±0.15	C3216JB2J103M
15,000	±10%	1.3±0.2	C3216JB2J153K
	±20%	1.3±0.2	C3216JB2J153M
22,000	±10%	1.3±0.2	C3216JB2J223K
	±20%	1.3±0.2	C3216JB2J223M
33,000	±10%	1.6±0.2	C3216JB2J333K
	±20%	1.6±0.2	C3216JB2J333M

RATED VOLTAGE E_{dc}: 250V

Capacitance (pF)	Tolerance	Thickness T (mm)max.	Part number
15,000	±10%	1.15±0.15	C3216JB2E153K
	±20%	1.15±0.15	C3216JB2E153M
22,000	±10%	1.15±0.15	C3216JB2E223K
	±20%	1.15±0.15	C3216JB2E223M
33,000	±10%	1.6±0.2	C3216JB2E333K
	±20%	1.6±0.2	C3216JB2E333M
47,000	±10%	1.6±0.2	C3216JB2E473K
	±20%	1.6±0.2	C3216JB2E473M
68,000	±10%	1.6±0.2	C3216JB2E683K
	±20%	1.6±0.2	C3216JB2E683M
100,000	±10%	1.6±0.2	C3216JB2E104K
	±20%	1.6±0.2	C3216JB2E104M

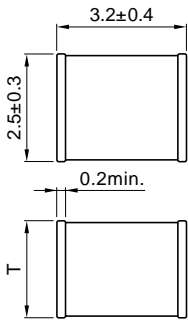
RATED VOLTAGE E_{dc}: 100V

Capacitance (pF)	Tolerance	Thickness T (mm)max.	Part number
33,000	±10%	1.15±0.15	C3216JB2A333K
	±20%	1.15±0.15	C3216JB2A333M
47,000	±10%	1.15±0.15	C3216JB2A473K
	±20%	1.15±0.15	C3216JB2A473M
68,000	±10%	1.6±0.2	C3216JB2A683K
	±20%	1.6±0.2	C3216JB2A683M
100,000	±10%	1.6±0.2	C3216JB2A104K
	±20%	1.6±0.2	C3216JB2A104M
150,000	±10%	1.6±0.2	C3216JB2A154K
	±20%	1.6±0.2	C3216JB2A154M
220,000	±10%	1.15±0.15	C3216JB2A224K
	±20%	1.15±0.15	C3216JB2A224M
330,000	±10%	1.3±0.2	C3216JB2A334K
	±20%	1.3±0.2	C3216JB2A334M
470,000	±10%	1.6±0.2	C3216JB2A474K
	±20%	1.6±0.2	C3216JB2A474M

- Part number for temperature characteristic X5R or X7R
Please substitute "X5R" or "X7R" for "JB" in the part number when ordering.
- Standard tolerance is ±20% for B and X7R products.
- For more information about the products of other capacitance or data, please contact us.

• All specifications are subject to change without notice.

C3225 (EIA CC1210) TYPE SHAPES AND DIMENSIONS



Dimensions in mm



CAPACITANCE RANGES: CLASS 1 TEMPERATURE CHARACTERISTICS: JIS CH(0±60ppm/°C), EIA C0G(0±30ppm/°C) RATED VOLTAGE E_{dc}: 630V

Capacitance (pF)	Tolerance	Thickness T (mm)max.	Part number
3,900	±5%	1.25±0.2	C3225CH2J392J
	±10%	1.25±0.2	C3225CH2J392K
4,700	±5%	1.6±0.2	C3225CH2J472J
	±10%	1.6±0.2	C3225CH2J472K
5,600	±5%	1.6±0.2	C3225CH2J562J
	±10%	1.6±0.2	C3225CH2J562K
6,800	±5%	2.0±0.2	C3225CH2J682J
	±10%	2.0±0.2	C3225CH2J682K

RATED VOLTAGE E_{dc}: 250V

Capacitance (pF)	Tolerance	Thickness T (mm)max.	Part number
10,000	±5%	1.6±0.2	C3225CH2E103J
	±10%	1.6±0.2	C3225CH2E103K
15,000	±5%	2.0±0.2	C3225CH2E153J
	±10%	2.0±0.2	C3225CH2E153K

RATED VOLTAGE E_{dc}: 100V

Capacitance (pF)	Tolerance	Thickness T (mm)max.	Part number
15,000	±5%	1.25±0.2	C3225CH2A153J
	±10%	1.25±0.2	C3225CH2A153K
22,000	±5%	1.6±0.2	C3225CH2A223J
	±10%	1.6±0.2	C3225CH2A223K
33,000	±5%	2.0±0.2	C3225CH2A333J
	±10%	2.0±0.2	C3225CH2A333K
47,000	±5%	2.3±0.2	C3225CH2A473J
	±10%	2.3±0.2	C3225CH2A473K

- Part number for temperature characteristic C0G
Please substitute "C0G" for "CH" in the part number when ordering.

CAPACITANCE RANGES: CLASS 2 TEMPERATURE CHARACTERISTICS: JIS B(BJ)(±10%), EIA X5R/X7R(±15%) RATED VOLTAGE E_{dc}: 630V

Capacitance (pF)	Tolerance	Thickness T (mm)max.	Part number
47,000	±10%	2.0±0.2	C3225JB2J473K
	±20%	2.0±0.2	C3225JB2J473M
68,000	±10%	2.0±0.2	C3225JB2J683K
	±20%	2.0±0.2	C3225JB2J683M

RATED VOLTAGE E_{dc}: 250V

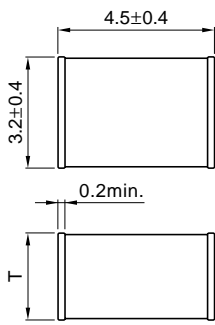
Capacitance (pF)	Tolerance	Thickness T (mm)max.	Part number
100,000	±10%	2.0±0.2	C3225JB2E104K
	±20%	2.0±0.2	C3225JB2E104M
150,000	±10%	2.0±0.2	C3225JB2E154K
	±20%	2.0±0.2	C3225JB2E154M
220,000	±10%	2.0±0.2	C3225JB2E224K
	±20%	2.0±0.2	C3225JB2E224M

RATED VOLTAGE E_{dc}: 100V

Capacitance (pF)	Tolerance	Thickness T (mm)max.	Part number
330,000	±10%	2.0±0.2	C3225JB2A334K
	±20%	2.0±0.2	C3225JB2A334M
470,000	±10%	2.0±0.2	C3225JB2A474K
	±20%	2.0±0.2	C3225JB2A474M
680,000	±10%	1.6±0.2	C3225JB2A684K
	±20%	1.6±0.2	C3225JB2A684M
1,000,000 [1μF]	±10%	2.0±0.2	C3225JB2A105K
	±20%	2.0±0.2	C3225JB2A105M

- Part number for temperature characteristic X5R or X7R
Please substitute "X5R" or "X7R" for "JB" in the part number when ordering.
- For more information about the products of other capacitance or data, please contact us.

C4532 (EIA CC1812) TYPE SHAPES AND DIMENSIONS



Dimensions in mm



CAPACITANCE RANGES: CLASS 1

TEMPERATURE CHARACTERISTICS:

JIS CH(0±60ppm/°C), EIA C0G(0±30ppm/°C)

RATED VOLTAGE Edc: 630V

Capacitance (pF)	Tolerance	Thickness T (mm)max.	Part number
8,200	±5%	1.6±0.2	C4532CH2J822J
	±10%	1.6±0.2	C4532CH2J822K
10,000	±5%	1.6±0.2	C4532CH2J103J
	±10%	1.6±0.2	C4532CH2J103K
15,000	±5%	2.5±0.3	C4532CH2J153J
	±10%	2.5±0.3	C4532CH2J153K
22,000	±5%	3.2±0.3	C4532CH2J223J
	±10%	3.2±0.3	C4532CH2J223K

RATED VOLTAGE Edc: 250V

Capacitance (pF)	Tolerance	Thickness T (mm)max.	Part number
22,000	±5%	1.6±0.2	C4532CH2E223J
	±10%	1.6±0.2	C4532CH2E223K
33,000	±5%	2.0±0.2	C4532CH2E333J
	±10%	2.0±0.2	C4532CH2E333K
47,000	±5%	3.2±0.3	C4532CH2E473J
	±10%	3.2±0.3	C4532CH2E473K

RATED VOLTAGE Edc: 100V

Capacitance (pF)	Tolerance	Thickness T (mm)max.	Part number
47,000	±5%	2.0±0.2	C4532CH2A473J
	±10%	2.0±0.2	C4532CH2A473K
68,000	±5%	2.5±0.3	C4532CH2A683J
	±10%	2.5±0.3	C4532CH2A683K
100,000	±5%	3.2±0.4	C4532CH2A104J
	±10%	3.2±0.4	C4532CH2A104K

- Part number for temperature characteristic C0G
Please substitute "C0G" for "CH" in the part number when ordering.

CAPACITANCE RANGES: CLASS 2

TEMPERATURE CHARACTERISTICS:

JIS B(BJ)(±10%), EIA X5R/X7R(±15%)

RATED VOLTAGE Edc: 630V

Capacitance (pF)	Tolerance	Thickness T (mm)max.	Part number
68,000	±10%	1.6±0.2	C4532JB2J683K
	±20%	1.6±0.2	C4532JB2J683M
100,000	±10%	2.3±0.2	C4532JB2J104K
	±20%	2.3±0.2	C4532JB2J104M

RATED VOLTAGE Edc: 250V

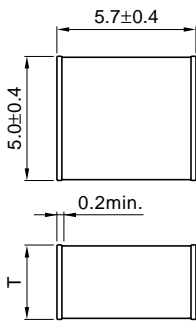
Capacitance (pF)	Tolerance	Thickness T (mm)max.	Part number
150,000	±10%	1.6±0.2	C4532JB2E154K
	±20%	1.6±0.2	C4532JB2E154M
220,000	±10%	2.3±0.2	C4532JB2E224K
	±20%	2.3±0.2	C4532JB2E224M
330,000	±10%	2.3±0.2	C4532JB2E334K
	±20%	2.3±0.2	C4532JB2E334M
470,000	±10%	2.3±0.2	C4532JB2E474K
	±20%	2.3±0.2	C4532JB2E474M

RATED VOLTAGE Edc: 100V

Capacitance (pF)	Tolerance	Thickness T (mm)max.	Part number
680,000	±10%	2.3±0.2	C4532JB2A684K
	±20%	2.3±0.2	C4532JB2A684M
1,000,000 [1μF]	±10%	2.3±0.2	C4532JB2A105K
	±20%	2.3±0.2	C4532JB2A105M
1,500,000	±10%	2.3±0.2	C4532JB2A155K
	±20%	2.3±0.2	C4532JB2A155M
2,200,000	±10%	2.3±0.2	C4532JB2A225K
	±20%	2.3±0.2	C4532JB2A225M

- Part number for temperature characteristic X5R or X7R
Please substitute "X5R" or "X7R" for "JB" in the part number when ordering.
- For more information about the products of other capacitance or data, please contact us.

C5750 (EIA CC2220) TYPE SHAPES AND DIMENSIONS



Dimensions in mm



CAPACITANCE RANGES: CLASS 2 TEMPERATURE CHARACTERISTICS: JIS B(BJ)(±10%), EIA X5R/X7R(±15%)

RATED VOLTAGE Edc: 630V

Capacitance (pF)	Tolerance	Thickness T (mm)max.	Part number
150,000	±10%	1.6±0.2	C5750JB2J154K
	±20%	1.6±0.2	C5750JB2J154M
220,000	±10%	2.3±0.2	C5750JB2J224K
	±20%	2.3±0.2	C5750JB2J224M

RATED VOLTAGE Edc: 250V

Capacitance (pF)	Tolerance	Thickness T (mm)max.	Part number
330,000	±10%	1.6±0.2	C5750JB2E334K
	±20%	1.6±0.2	C5750JB2E334M
470,000	±10%	2.3±0.2	C5750JB2E474K
	±20%	2.3±0.2	C5750JB2E474M
680,000	±10%	2.3±0.2	C5750JB2E684K
	±20%	2.3±0.2	C5750JB2E684M
1,000,000 [1μF]	±10%	2.3±0.2	C5750JB2E105K
	±20%	2.3±0.2	C5750JB2E105M

RATED VOLTAGE Edc: 100V

Capacitance (pF)	Tolerance	Thickness T (mm)max.	Part number
680,000	±10%	1.6±0.2	C5750JB2A684K
	±20%	1.6±0.2	C5750JB2A684M
1,000,000 [1μF]	±10%	2.3±0.2	C5750JB2A105K
	±20%	2.3±0.2	C5750JB2A105M
1,500,000	±10%	2.3±0.2	C5750JB2A155K
	±20%	2.3±0.2	C5750JB2A155M
2,200,000	±10%	2.3±0.2	C5750JB2A225K
	±20%	2.3±0.2	C5750JB2A225M
3,300,000	±10%	2.3±0.2	C5750JB2A335K
	±20%	2.3±0.2	C5750JB2A335M
4,700,000	±10%	2.3±0.2	C5750JB2A475K
	±20%	2.3±0.2	C5750JB2A475M

• Part number for temperature characteristic X5R or X7R
Please substitute "X5R" or "X7R" for "JB" in the part number when ordering.

• For more information about the products of other capacitance or data, please contact us.