

● Part Numbering

Chip Multilayer Ceramic Capacitors for Automotive

(Part Number)

GC	M	18	8	R7	1H	102	K	A37	D
①	②	③	④	⑤	⑥	⑦	⑧	⑨	⑩

①Product ID ②Series

Product ID	Code	Series
GC	3	High Effective Capacitance & High Ripple Current Chip Multilayer Ceramic Capacitors for Automotive
	B	Ni Plating + Pd Plating termination Conductive Glue Mounting Chip Multilayer Ceramic Capacitors for Automotive
	D	MLSC Design Chip Multilayer Ceramic Capacitors for Automotive
	E	Soft Termination MLSC Design Chip Multilayer Ceramic Capacitors for Automotive
	G	AgPd Termination Conductive Glue Mounting Chip Multilayer Ceramic Capacitors for Automotive
	J	Soft Termination Chip Multilayer Ceramic Capacitors for Automotive
	M	Chip Multilayer Ceramic Capacitors for Automotive
	Q	High Q Chip Multilayer Ceramic Capacitors for Automotive
GR	T	AEC-Q200 Compliant Chip Multilayer Ceramic Capacitors for Infotainment
KC	3	High Effective Capacitance & High Allowable Ripple Current Metal Terminal Type Multilayer Ceramic Capacitors for Automotive
	A	Safety Standard Certified Metal Terminal Type Multilayer Ceramic Capacitors for Automotive
	M	Metal Terminal Type Multilayer Ceramic Capacitors for Automotive
LL	C	LW Reversed Low ESL Chip Multilayer Ceramic Capacitors for Automotive

③Chip Dimension (L x W)

Code	Dimension (L x W)	EIA
03	0.6 x 0.3mm	0201
15	1.0 x 0.5mm	0402
18	1.6 x 0.8mm	0603
21	2.0 x 1.25mm	0805
31	3.2 x 1.6mm	1206
32	3.2 x 2.5mm	1210
43	4.5 x 3.2mm	1812
55	5.7 x 5.0mm	2220

④Height Dimension (T) (Except KC□)

Code	Dimension (T)
2	0.2mm
3	0.3mm
5	0.5mm
6	0.6mm
8	0.8mm
9	0.85mm
A	1.0mm
B	1.25mm
C	1.6mm
D	2.0mm
E	2.5mm
M	1.15mm
N	1.35mm
Q	1.5mm
X	Depends on individual standards.

④Height Dimension (T) (KC□ Only)

Code	Dimension (T)
L	2.8mm
R	3.6mm
Q	3.7mm
T	4.8mm
V	6.2mm
W	6.4mm

Continued on the following page.↗

(Part Number)

GC	M	18	8	R7	1H	102	K	A37	D
1	2	3	4	5	6	7	8	9	10

Continued from the preceding page. ↴

⑧Capacitance Tolerance

Code	Capacitance Tolerance
B	$\pm 0.1\text{pF}$
C	$\pm 0.25\text{pF}$
D	$\pm 0.5\text{pF}$ (Less than 10pF)
	$\pm 0.5\%$ (10pF and over)
F	$\pm 1\%$
G	$\pm 2\%$
J	$\pm 5\%$
K	$\pm 10\%$
M	$\pm 20\%$
R	Depends on individual standards.
W	$\pm 0.05\text{pF}$

⑨Individual Specification Code

Expressed by three figures.

⑩Package

Code	Package
L	$\varnothing 180\text{mm}$ Embossed Taping
D/W	$\varnothing 180\text{mm}$ Paper Taping
K	$\varnothing 330\text{mm}$ Embossed Taping
J	$\varnothing 330\text{mm}$ Paper Taping

Please contact us if you find any part number not provided in this table.

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