Part Numbering

【Part Number】RCER71H104K0M1H03A

RCE	R7	1H	104	K	0	M1	H03	A
❶	❷	❸	❹	❺	❻	❼	❽	❾
Series / Terminal	Temperature Characteristics	Rated Voltage	Capacitance	Capacitance Tolerance	Dimensions (L×W)	Lead Style	Individual Specification Code	Packaging

❶Series / Terminal

Code	Series
RCE	Leaded MLCC for Automotive (Powertrain/Safety)
RDE	Leaded MLCC for Consumer Electronics & Industrial Equipment
RHE	150°C Operation Leaded MLCC for Automotive (Powertrain/Safety)
RHS	200°C Operation Leaded MLCC for Automotive (Powertrain/Safety)

❷Temperature Characteristics

Temperature Characteristic Codes			Temperature Characteristics			Operating Temperature Range
Code	Public STD Code		Reference Temperature	Temperature Range	Capacitance Change or Temperature Coefficient	
5C	C0G	EIA	25°C	25 to 125°C	0±30ppm/°C	–55 to 125°C
				–55 to 25°C	0+30/–72ppm/°C	
5G	X8G	*1	25°C	25 to 150°C	0±30ppm/°C	–55 to 150°C
				–55 to 25°C	0+30/–72ppm/°C	
7G	CCG	*1	25°C	–55 to 25°C	0+30/–72ppm/°C	–55 to 200°C
				25 to 125°C	0±30ppm/°C	
				125 to 200°C	0+72/–30ppm/°C	
7J	UNJ	*1	25°C	–55 to 25°C	–750+120/–347ppm/°C	–55 to 200°C
				25 to 125°C	–750±120ppm/°C	
				125 to 200°C	–750+347/–120ppm/°C	
7U	U2J	EIA	25°C	25 to 125°C *2	–750±120ppm/°C	–55 to 125°C
				–55 to 25°C	–750+120/–347ppm/°C	
C7	X7S	EIA	25°C	–55 to 125°C	±22%	–55 to 125°C
D7	X7T	EIA	25°C	–55 to 125°C	+22%, –33%	–55 to 125°C
L8	X8L	*1	25°C	–55 to 150°C	+15%, –40%	–55 to 150°C
R7	X7R	EIA	25°C	–55 to 125°C	±15%	–55 to 125°C
Q9	X9Q	*1	25°C	–55 to 200°C	+15%, –70%	–55 to 200°C

*1 Murata Temperature Characteristic Code.

*2 Rated Voltage 100Vdc max: 25 to 85°C

❸Rated Voltage

Code	Rated Voltage
1E	25Vdc
1H	50Vdc
2A	100Vdc
2D	200Vdc
2E	250Vdc
2W	450Vdc
2H	500Vdc
2J	630Vdc
3A	1kVdc

❹Capacitance

Expressed by three figures. The unit is pico-farad (pF). The first and second figures are significant digits, and the third figure expresses the number of zeros that follow the two numbers. If there is a decimal point, it is expressed by the capital letter "R." In this case, all figures are significant digits.

❺Capacitance Tolerance

Code	Capacitance Tolerance
C	±0.25pF
D	±0.5pF
J	±5%
K	±10%
M	±20%

❻Dimensions (L×W)

Code	Dimensions (L×W)	
0	RCE Series	3.6×3.5mm max.
	RHE Series	
	RHS Series	3.9×3.5mm max.
	RDE Series	4.0×3.5mm max. or 5.0×3.5mm max. (Depends on Part Number List)
1	RCE Series	4.0×3.5mm max.
	RHE Series	
	RHS Series	4.2×3.5mm max.
	RDE Series	4.5×3.5mm max. or 5.0×3.5mm max. (Depends on Part Number List)
2	5.5×4.0mm max.	
3	5.5×5.0mm max.	
4	7.5×5.5mm max.	
5	7.5×7.5mm max. (630Vdc, 1kVdc: 7.5x8.0mm max.)	
U	7.5×12.5mm max. (630Vdc, 1kVdc: 7.5x13.0mm max.)	
W	5.5×7.5mm max.	

Continued on the following page. ↓

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Series / Terminal	Temperature Characteristics	Rated Voltage	Capacitance	Capacitance Tolerance	Dimensions (L×W)	Lead Style	Individual Specification Code	Packaging

Continued from the preceding page. ↓

❼Lead Style

Code	Lead Style	Lead Spacing
A2	Straight Long	2.5mm
A3		
B1	Straight Long	5.0mm
DB	Straight Taping	2.5mm
DG		
DN		
E1	Straight Taping	5.0mm
K1	Inside Crimp	5.0mm
M1	Inside Crimp Taping	5.0mm
M2		
P1	Outside Crimp	2.5mm
S1	Outside Crimp Taping	2.5mm

❽Individual Specification Code

Expressed by three figures

❾Packaging

Code	Packaging
A	Ammo Pack
B	Bulk

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