



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of "Quality Parts,Customers Priority,Honest Operation,and Considerate Service",our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



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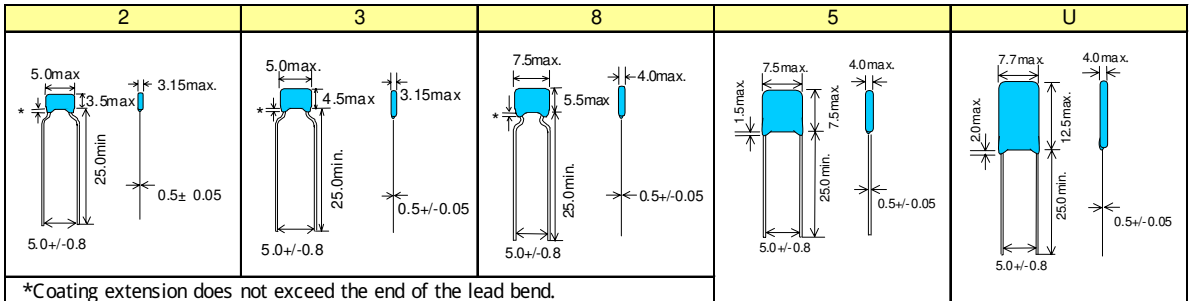


Base Metal Electrode RDE series

Features

1. Small size and large capacitance
2. Low ESR characteristics for high frequency
3. Coated with epoxy resin whose flammability is equivalent to UL94V-0

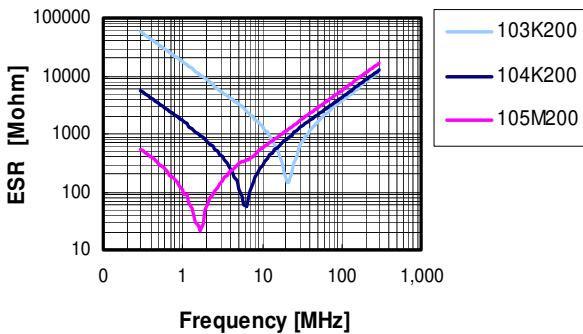
Dimension



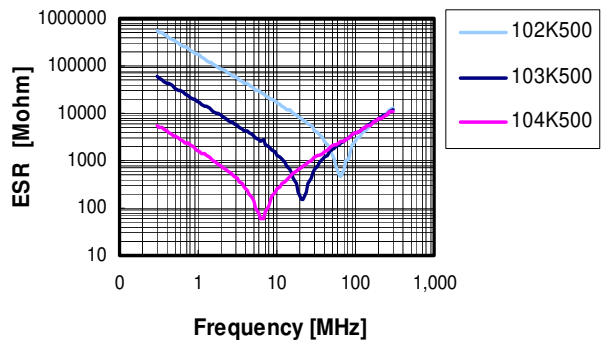
Capacitance range

Type	TC	WV	Capacitance Range [nF]			[uF]	
			1	10	100	1	
RDE_2(131/132)	X7R	500V	■	■	■		1.0 nF to 15.0 nF
		200V	■	■	■		1.0 nF to 47.0 nF
RDE_3(121/122)	X7R	500V			■		22.0 nF to 47.0 nF
		200V			■		68.0 nF to 0.1 uF
RDE_8(124)	X7R	500V			■		68.0 nF to 0.1 uF
		200V			■		0.15 uF to 0.22 uF
RDE_5(113)	X7R	500V			■		0.15 uF to 0.22 uF
		200V			■		0.33 uF to 0.47 uF
RDE_U(115)	X7R	500V				■	0.47 uF
		200V				■	0.68 uF to 1.0 uF

ESR - Freq 200V



ESR - Freq 500V



Base Metal Electrode RDE series

Global Part Numbering

RDE R7 2D 104 K 2 K B
 -1- -2- -3- -4- -5- -6- -7- -8-

-1-: Temperature Characteristics

Code	Temperature Characteristics	Temperature Range	Cap. Change or Temp
R7	X7R	-55 to 125°C	+/- 15%

-2-: Rated Voltage

Code	Rated Voltage
2D	DC 200V
2H	DC 500V

-3-: Capacitance

Temperature Characteristics	Rated Voltage	Capacitance Step
X7R	200V	E6 Series
	500V	E6 Series

-4-: Capacitance Tolerance

Temperature Characteristics	Code	Capacitan Tolerance
X7R	K	+/- 10%
	M *	+/- 20%

* Only RDE_U

-5-: Dimensions(LxW)

Code	Dimensions(L× W)
2	5.0× 3.0 mm
3	5.0× 4.5 mm
8	7.5× 5.5 mm
5	7.5× 7.5 mm
U	7.7× 12.5 mm

-6-: Lead Configuration & Space

Code	Lead Configuration	Lead Space
A_	Straight Long Bulk	F=2.5mm
B	Straight Long Bulk	F=5.0mm
E	Straight Taping	F=5.0mm
K_	Incrimp Bulk	F=5.0mm
M_	Incrimp Taping	F=5.0mm
P_	Outcrimp Bulk	F=2.5mm
S	Outcrimp Taping	F=2.5mm

-7-: Individual Specification Code

-8-: Packaging

Code	Package Type	Std Pack quantity
A	Ammo Pack	2000/1500/1000 pcs
B	Bulk	500/200 pcs

Base Metal Electrode RDE series

Size	TC	WV	Cap	Cap Tol	Murata Global P/N	Sample	Mass Production	Design Kit
RDE_2	X7R	500V	1000pF	+/-10%	RDER72H102K2K1C11B	Avail abie	M.P.	
RDE_2	X7R	500V	1500pF	+/-10%	RDER72H152K2K1C11B	Avail abie	M.P.	
RDE_2	X7R	500V	2200pF	+/-10%	RDER72H222K2K1C11B	Avail abie	M.P.	
RDE_2	X7R	500V	3300pF	+/-10%	RDER72H332K2K1C11B	Avail abie	M.P.	
RDE_2	X7R	500V	4700pF	+/-10%	RDER72H472K2K1C11B	Avail abie	M.P.	
RDE_2	X7R	500V	6800pF	+/-10%	RDER72H682K2K1C11B	Avail abie	M.P.	
RDE_2	X7R	500V	10000pF	+/-10%	RDER72H103K2K1C11B	Avail abie	M.P.	○
RDE_2	X7R	500V	15000pF	+/-10%	RDER72H153K2K1C11B	Avail abie	M.P.	
RDE_3	X7R	500V	22000pF	+/-10%	RDER72H223K3K1C11B	Avail abie	M.P.	○
RDE_3	X7R	500V	33000pF	+/-10%	RDER72H333K3K1C11B	Avail abie	M.P.	
RDE_3	X7R	500V	47000pF	+/-10%	RDER72H473K3K1C11B	Avail abie	M.P.	○
RDE_8	X7R	500V	68000pF	+/-10%	RDER72H683K8K1C11B	Avail abie	M.P.	
RDE_8	X7R	500V	0.10uF	+/-10%	RDER72H104K8K1C11B	Avail abie	M.P.	○
RDE_5	X7R	500V	0.15uF	+/-10%	RDER72H154K5K1C13B	Avail abie	M.P.	
RDE_5	X7R	500V	0.22uF	+/-10%	RDER72H224K5K1C13B	Avail abie	M.P.	○
RDE_U	X7R	500V	0.47uF	+/-20%	RDER72H474MUJ1C13B	Avail abie	M.P.	○
RDE_2	X7R	200V	1000pF	+/-10%	RDER72D102K2K1A11B	Avail abie	M.P.	
RDE_2	X7R	200V	1500pF	+/-10%	RDER72D152K2K1A11B	Avail abie	M.P.	
RDE_2	X7R	200V	2200pF	+/-10%	RDER72D222K2K1A11B	Avail abie	M.P.	
RDE_2	X7R	200V	3300pF	+/-10%	RDER72D332K2K1A11B	Avail abie	M.P.	
RDE_2	X7R	200V	4700pF	+/-10%	RDER72D472K2K1A11B	Avail abie	M.P.	
RDE_2	X7R	200V	6800pF	+/-10%	RDER72D682K2K1A11B	Avail abie	M.P.	
RDE_2	X7R	200V	10000pF	+/-10%	RDER72D103K2K1A11B	Avail abie	M.P.	○
RDE_2	X7R	200V	15000pF	+/-10%	RDER72D153K2K1C11B	Avail abie	M.P.	
RDE_2	X7R	200V	22000pF	+/-10%	RDER72D223K2K1C11B	Avail abie	M.P.	○
RDE_2	X7R	200V	33000pF	+/-10%	RDER72D333K2K1C11B	Avail abie	M.P.	
RDE_2	X7R	200V	47000pF	+/-10%	RDER72D473K2K1C11B	Avail abie	M.P.	○
RDE_3	X7R	200V	68000pF	+/-10%	RDER72D683K3K1C11B	Avail abie	M.P.	
RDE_3	X7R	200V	0.10uF	+/-10%	RDER72D104K3K1C11B	Avail abie	M.P.	○
RDE_8	X7R	200V	0.15uF	+/-10%	RDER72D154K8K1C11B	Avail abie	M.P.	
RDE_8	X7R	200V	0.22uF	+/-10%	RDER72D224K8K1C11B	Avail abie	M.P.	○
RDE_5	X7R	200V	0.33uF	+/-10%	RDER72D334K5K1C13B	Avail abie	M.P.	
RDE_5	X7R	200V	0.47uF	+/-10%	RDER72D474K5K1C13B	Avail abie	M.P.	○