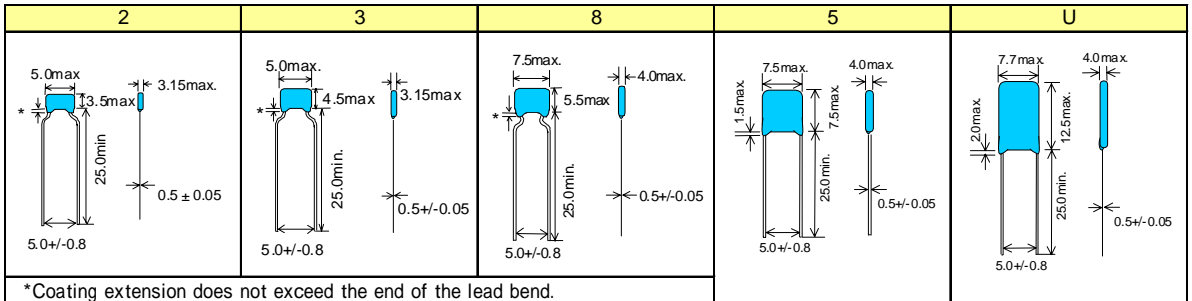


# Base Metal Electrode RDE series

## 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

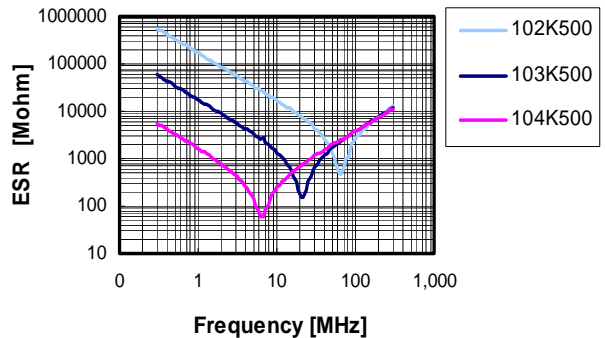
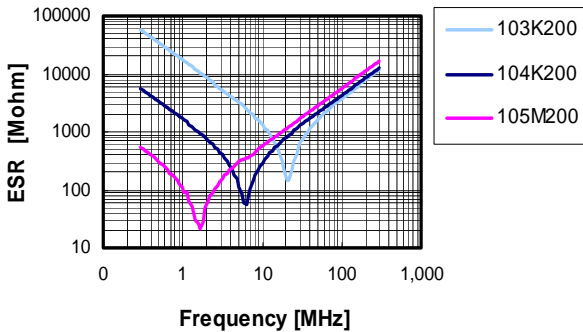


## Capacitance range

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	+/-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	Capacitance Tolerance
X7R	K	+/- 10%
	M *	+/- 20%

\* Only RDE,U

### -5-: Dimensions(LxW)

Code	Dimensions(L x W)
2	5.0 x 3.0 mm
3	5.0 x 4.5 mm
8	7.5 x 5.5 mm
5	7.5 x 7.5 mm
U	7.7 x 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%	RDER72H474MUK1C13B	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.	