

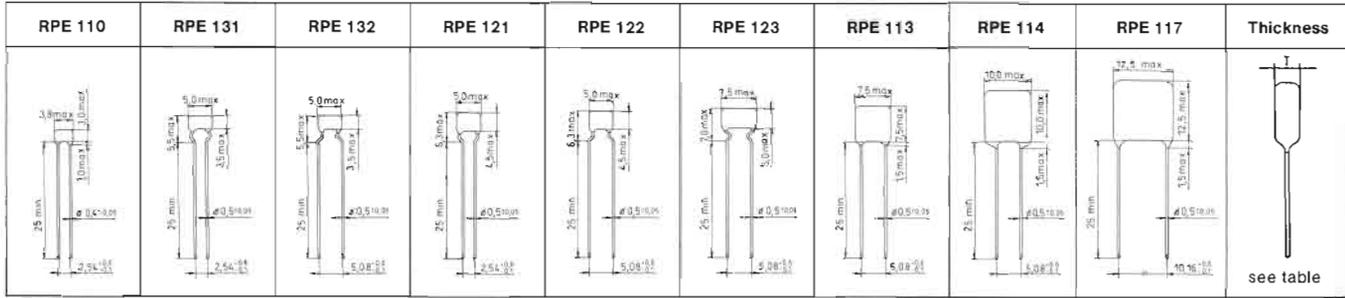
MONOLITHIC CERAMIC CAPACITOR 9

- RADIAL LEAD TYPE MONOLITHIC CERAMIC CAPACITOR
- HIGH CAPACITANCE AT SMALL VOLUME
- ULTRASTABLE AND TEMPERATURE-COMPENSATING CLASS I - SERIES
- STABLE (X7R) AND GENERAL PURPOSE (Z5U) SERIES
- Y5U IS AN ECONOMIC REPLACEMENT FOR X7R
- CECC - APPROVED CAPACITORS (CG AND 2R1)

- Made in Germany -

MONOLITHIC CERAMIC CAPACITOR

■ Radial Lead Type RPE 100 - series



50 V

Part Number	Thickness - mm -	T / C - Cap.-value (pF) Class I		T / C - Cap.-value (nF) Class II		
		COG	R2H	X7R	Y5U	Z5U
RPE 110 T/C CAP.-TOL. 50 XXX	2,5	1-1000	1-560	0,47- 33	47, 100	4,7- 68
RPE 131 T/C CAP.-TOL. 50 XXX	2,5	1-1000	1-820	0,47- 68	47, 100	10- 68
RPE 132 T/C CAP.-TOL. 50 XXX	3,15	1100-2700	910-1200	82- 100	47, 100	100- 150
RPE 121 T/C CAP.-TOL. 50 XXX	2,5	3000-4700	1300-2000	120	220, 330	—
RPE 122 T/C CAP.-TOL. 50 XXX	3,15	—	2200-2700	150- 270	220, 330	220- 330
RPE 123 T/C CAP.-TOL. 50 XXX	3,15	5100-16000	—	330- 470	470, 1000	470- 1000
RPE 113 T/C CAP.-TOL. 50 XXX	4,0	18000-20000	—	560-1000	—	1500
RPE 114 T/C CAP.-TOL. 50 XXX	4,0	22000-33000	—	1200-1800	—	2200-3300
RPE 117 T/C CAP.-TOL. 50 XXX	5,0	36000-68000	—	2200-3300	—	4700

100 V

Part Number	Thickness - mm -	T / C - Cap.-value (pF) Class I			T / C - Cap.-value (nF) Class II	
		COG	R2H	U2J	X7R	Z5U
RPE 110 T/C CAP.-TOL. 100 XXX	2,5	1-470	1-560	1-910	0,22-12	3,3-15
RPE 131 T/C CAP.-TOL. 100 XXX	2,5	1-750	1-820	1-1800	0,22-15	6,8-22
RPE 132 T/C CAP.-TOL. 100 XXX	3,15	820-1600	910-1300	2000-2400	18-33	33
RPE 121 T/C CAP.-TOL. 100 XXX	2,5	1800-2000	1500-2000	2700-3600	39-68	47
RPE 122 T/C CAP.-TOL. 100 XXX	3,15	2200-4300	2200-2700	3900-4700	82-100	68-100
RPE 123 T/C CAP.-TOL. 100 XXX	3,15	4700-6800	—	—	120-150	150
RPE 113 T/C CAP.-TOL. 100 XXX	4,0	7500-12000	—	—	180-470	220-470
RPE 114 T/C CAP.-TOL. 100 XXX	4,0	13000-33000	—	—	560-1000	680-1000
RPE 117 T/C CAP.-TOL. 100 XXX	5,0	36000-56000	—	—	1200-2200	1500-2200

200 V

Part Number	Thickness - mm -	T / C - Cap.-value (pF) Class I			T / C - Cap.-value (nF) Class II	
		COG	R2H	U2J	X7R	Z5U
RPE 110 T/C CAP.-TOL. 200 XXX	2,5	1-130	1-110	—	0,22-5,6	1,5-3,3
RPE 131 T/C CAP.-TOL. 200 XXX	2,5	1-160	1-200	1-360	0,22-2,2	3,3
RPE 132 T/C CAP.-TOL. 200 XXX	3,15	180-390	220-270	390-510	2,7-10	4,7-6,8
RPE 121 T/C CAP.-TOL. 200 XXX	2,5	—	300-430	—	—	10-33
RPE 122 T/C CAP.-TOL. 200 XXX	3,15	430-1100	470-560	—	12-47	47-68
RPE 123 T/C CAP.-TOL. 200 XXX	3,15	1200-1600	—	—	56-82	—
RPE 113 T/C CAP.-TOL. 200 XXX	4,0	1800-3900	—	—	100-180	100
RPE 114 T/C CAP.-TOL. 200 XXX	4,0	4300-10000	—	—	220-270	150-330
RPE 117 T/C CAP.-TOL. 200 XXX	5,0	11000-30000	—	—	330-1200	470-680

500 V

Part Number	Thickness - mm -	T / C - Cap.-value (pF)	
		COG	X7R
RPE 131 T/C CAP.-TOL. 500 XXX	3,15	1,5-51	220-3300
RPE 132 T/C CAP.-TOL. 500 XXX			
RPE 121 T/C CAP.-TOL. 500 XXX	3,15	56-160	3900-10000
RPE 122 T/C CAP.-TOL. 500 XXX			
RPE 123 T/C CAP.-TOL. 500 XXX	3,15	—	—
RPE 113 T/C CAP.-TOL. 500 XXX	4,0	180-1000	12000-56000
RPE 114 T/C CAP.-TOL. 500 XXX	4,0	1100-2400	68000
RPE 117 T/C CAP.-TOL. 500 XXX	5,0	2700-6200	82000-150000

Part Numbering

Ex.: RPE 131		Z5U	104	M	50	XXX
Typ		T/C	Cap.	Tol.	Volt.	Spec.
Class I	T/C					available tolerance
	COG	0 ± 30 ppm/°C				K ± 10% E 12-series
	R2H	-220 ± 60 ppm/°C				J ± 5% E 24-series
Class II	U2J	-750 ± 120 ppm/°C				D ± 1,0 pF ≤ 10 pF
		others on request				C ± 0,5 pF ≤ 10 pF
						others on request
Class II	X7R	± 15%			-55...+125 °C	K ± 10% E 12-series
	Y5U				-30...+85 °C	M ± 20% E 6-series
	Z5U	+22% -56%			+10...+85 °C	M ± 20% E 6-series
						Z +80% E 3-series