

图	类型	WV VDC	电容	容差	尺寸 T (mm)	Digi-Key 零件编号	价格			Murata 零件编号
							1	10	100	
2	COG	50	8.0pF	±0.5pF	2.5	490-3770-ND	30	2.24	16.03	RPE5C1H8R0D2K1Z03B
			10pF	±5%	2.5	490-3679-ND	30	2.24	16.03	RPE5C1H100J2K1Z03B
			12pF	±5%	2.5	490-3685-ND	30	2.24	16.03	RPE5C1H120J2K1Z03B
			15pF	±5%	2.5	490-3692-ND	30	2.24	16.03	RPE5C1H150J2K1Z03B
			18pF	±5%	2.5	490-3698-ND	30	2.24	16.03	RPE5C1H180J2K1Z03B
			22pF	±5%	2.5	490-3709-ND	30	2.24	16.03	RPE5C1H220J2K1Z03B
			27pF	±5%	2.5	490-3715-ND	30	2.24	16.03	RPE5C1H270J2K1Z03B
			33pF	±5%	2.5	490-3726-ND	30	2.24	16.03	RPE5C1H330J2K1Z03B
			39pF	±5%	2.5	490-3732-ND	30	2.24	16.03	RPE5C1H390J2K1Z03B
			47pF	±5%	2.5	490-3741-ND	30	2.24	16.03	RPE5C1H470J2K1Z03B
			56pF	±5%	2.5	490-3750-ND	30	2.24	16.03	RPE5C1H560J2K1A03B
			68pF	±5%	2.5	490-3758-ND	30	2.24	16.03	RPE5C1H680J2K1Z03B
			82pF	±5%	2.5	490-3769-ND	30	2.24	16.03	RPE5C1H820J2K1Z03B
			100pF	±5%	2.5	490-3677-ND	30	2.18	15.55	RPE5C1H101J2K1A03B
			120pF	±5%	2.5	490-3683-ND	30	2.18	15.55	RPE5C1H121J2K1A03B
			150pF	±5%	2.5	490-3690-ND	30	2.18	15.55	RPE5C1H151J2K1A03B
			180pF	±5%	2.5	490-3696-ND	30	2.18	15.55	RPE5C1H181J2K1A03B
			220pF	±5%	2.5	490-3707-ND	30	2.18	15.55	RPE5C1H221J2K1A03B
			270pF	±5%	2.5	490-3713-ND	30	2.18	15.55	RPE5C1H271J2K1A03B
			330pF	±5%	2.5	490-3724-ND	30	2.24	16.03	RPE5C1H331J2K1A03B
			390pF	±5%	2.5	490-3730-ND	30	2.24	16.03	RPE5C1H391J2K1A03B
			470pF	±5%	2.5	490-3739-ND	32	2.33	16.68	RPE5C1H471J2K1A03B
			560pF	±5%	2.5	490-3748-ND	32	2.33	16.68	RPE5C1H561J2K1A03B
			680pF	±5%	2.5	490-3756-ND	34	2.50	17.85	RPE5C1H681J2K1A03B
			820pF	±5%	2.5	490-3767-ND	34	2.50	17.85	RPE5C1H821J2K1A03B
			1,000pF	±5%	2.5	490-3675-ND	38	2.83	20.23	RPE5C1H102J2K1A03B
			1,200pF	±5%	3.15	490-3681-ND	38	2.83	20.23	RPE5C1H122J2K1A03B
			1,500pF	±5%	3.15	490-3688-ND	45	3.33	23.75	RPE5C1H152J2K1A03B
			1,800pF	±5%	3.15	490-3694-ND	46	3.36	23.98	RPE5C1H182J2K1A03B
			2,200pF	±5%	3.15	490-3705-ND	46	3.36	23.98	RPE5C1H222J2K1A03B
			2,700pF	±5%	3.15	490-3711-ND	46	3.36	23.98	RPE5C1H272J2K1A03B
			3,300pF	±5%	3.15	490-3722-ND	51	3.72	26.60	RPE5C1H332J2K1A03B
			3,900pF	±5%	3.15	490-3728-ND	54	3.98	28.43	RPE5C1H392J2K1A03B
			4,700pF	±5%	3.15	490-3737-ND	56	4.10	29.30	RPE5C1H472J2K1A03B
			5,600pF	±5%	3.15	490-3746-ND	56	4.10	29.30	RPE5C1H562J2K1A03B

图	类型	WV VDC	电容	容差	尺寸 T (mm)	Digi-Key 零件编号	价格			Murata 零件编号
							1	10	100	
2	COG	50	6,800pF	±5%	3.15	490-3754-ND	.60	4.45	31.75	RPE5C1H682J2K1C03B
			8,200pF	±5%	3.15	490-3765-ND	.64	4.75	33.93	RPE5C1H822J2K1C03B
			10,000pF	±5%	3.15	490-3673-ND	.69	5.05	36.10	RPE5C1H103J2K1C03B
			220pF	±10%	2.5	490-3830-ND	.22	1.66	11.83	RPER71H221K2K1A03B
			330pF	±10%	2.5	490-3838-ND	.22	1.60	11.43	RPER71H331K2K1A03B
			470pF	±10%	2.5	490-3847-ND	.21	1.58	11.25	RPER71H471K2K1A03B
			680pF	±10%	2.5	490-3857-ND	.22	1.61	11.48	RPER71H681K2K1A03B
			1,000pF	±10%	2.5	490-3815-ND	.22	1.60	11.43	RPER71H102K2K1A03B
			1,500pF	±10%	2.5	490-3821-ND	.23	1.73	12.35	RPER71H152K2K1A03B
			2,200pF	±10%	2.5	490-3828-ND	.22	1.60	11.43	RPER71H222K2K1A03B
			3,300pF	±10%	2.5	490-3836-ND	.24	1.75	12.53	RPER71H332K2K1A03B
			4,700pF	±10%	2.5	490-3845-ND	.22	1.62	11.60	RPER71H472K2K1A03B
			6,800pF	±10%	2.5	490-3855-ND	.24	1.75	12.53	RPER71H682K2K1A03B
			10,000pF	±10%	2.5	490-3813-ND	.17	1.23	8.80	RPER71H103K2K1A03B
			15,000pF	±10%	2.5	490-3819-ND	.24	1.75	12.53	RPER71H153K2K1A03B
			22,000pF	±10%	2.5	490-3826-ND	.19	1.40	10.00	RPER71H223K2K1A03B
			33,000pF	±10%	3.15	490-3834-ND	.21	1.53	10.93	RPER71H333K2K1A03B
			47,000pF	±10%	3.15	490-3843-ND	.21	1.53	10.95	RPER71H473K2K1A03B
			68,000pF	±10%	3.15	490-3853-ND	.34	2.49	17.75	RPER71H683K2K1A03B
			1.1μF	±10%	3.15	490-3811-ND	.16	1.21	8.63	RPER71H104K2K1A03B
1.5μF	±10%	3.15	490-3817-ND	.58	4.25	30.35	RPER71H154K2K1C03B			
2.2μF	±10%	3.15	490-3824-ND	.51	3.78	27.00	RPER71H224K2K1C03B			
3.3μF	±10%	3.15	490-3832-ND	.67	4.92	35.15	RPER71H334K2K1C03B			
4.7μF	±10%	3.15	490-3841-ND	.64	4.70	33.60	RPER71H474K2K1C03B			
3	X7R	50	1,000pF	±80%-20%	2.5	490-3861-ND	.24	1.78	12.70	RPEF51H1022ZK1A03B
			2,200pF	±80%-20%	2.5	490-3864-ND	.24	1.78	12.70	RPEF51H222ZK1A03B
			4,700pF	±80%-20%	2.5	490-3867-ND	.24	1.78	12.70	RPEF51H472ZK1A03B
			10,000pF	±80%-20%	2.5	490-3860-ND	.19	1.37	9.80	RPEF51H1032ZK1A03B
			22,000pF	±80%-20%	2.5	490-3863-ND	.19	1.41	10.05	RPEF51H223ZK1A03B
			2,700pF	±80%-20%	2.5	490-3866-ND	.19	1.41	10.05	RPEF51H473ZK1A03B
			3,300pF	±80%-20%	2.5	490-3859-ND	.10	0.76	5.45	RPEF51H104ZK1A03B
			3,900pF	±80%-20%	3.15	490-3862-ND	.22	1.65	11.75	RPEF51H224ZK1A03B
			4,700pF	±80%-20%	3.15	490-3865-ND	.33	2.46	17.60	RPEF51H474ZK1C03B
			5,600pF	±80%-20%	3.15	490-3851-ND	1.63	12.00	85.73	RPER71H684K3K1C03B

**RDE 系列**

特点: • 小尺寸大电容 • 高频低 ESR 特性 • 涂有环氧树脂, 其易燃性等效于 UL 94V-0

尺寸: mm

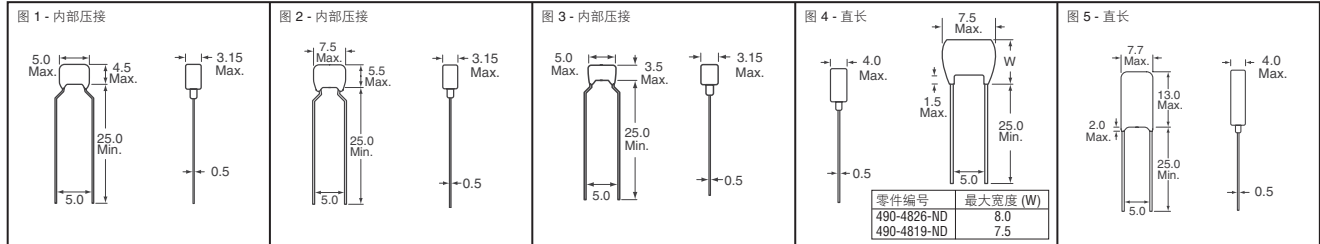
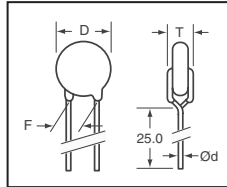


图	类型	WV VDC	电容	容差	Digi-Key 零件编号	价格	1	10	100	Murata 零件编号
1	X7R	200	.1μF	±10%	490-3791-ND	2.12	15.63	111.65		RDER72D104K3K1C11B
2	X7R	500	.1μF	±10%	490-3796-ND	6.60	48.63	347.33		RDER72H104K8K1C11B
5	X7R	500	.47μF	±20%	490-3806-ND	5.12	37.73	269.50		RDER72H474MUB1C13B
更优秀的额定电压										
1	X7R	630	22,000pF	±10%	490-4827-ND	1.06	7.82	55.83		RDER72J223K3K1C11B
		630	33,000pF	±10%	490-4829-ND	1.10	8.07	57.65		RDER72J333K3K1C11B
		630	47,000pF	±10%	490-4832-ND	1.36	10.01	71.50		RDER72J473K3K1C11B
		250	68,000pF	±10%	490-4820-ND	.99	7.30	52.18		RDER72E683K3K1C11B
		250	.1μF	±10%	490-4816-ND	.99	7.30	52.18		RDER72E104K3K1C11B
2	X7R	630	.10μF	±10%	490-4821-ND	2.04	15.07	107.63		RDER72J104K8K1C11B
		250	.22μF	±10%	490-4818-ND	2.06	15.17	108.35		RDER72E224K8K1C11B

图	类型	WV VDC	电容	容差	Digi-Key 零件编号	价格	1	10	100	Murata 零件编号
3	X7R	630	1,000pF	±10%	490-4823-ND	.73	5.41	38.68		RDRE72J102K2K1C11B
		630	1,500pF	±10%	490-4825-ND	.76	5.57	39.78		RDRE72J152K2K1C11B
		630	2,200pF	±10%	490-4828-ND	.78	5.77	41.23		RDRE72J222K2K1C11B
		630	3,300pF	±10%	490-4830-ND	.78	5.77	41.23		RDRE72J332K2K1C11B
		630	4,700pF	±10%	490-4833-ND	.79	5.82	41.60		RDRE72J472K2K1C11B
		630	6,800pF	±10%	490-4834-ND	.83	6.13	43.78		RDRE72J682K2K1C11B
		630	10,000pF	±10%	490-4822-ND	.83	6.13	43.78		RDRE72J103K2K1C11B
		630	15,000pF	±10%	490-4824-ND	.83	6.13	43.78		RDRE72J153K2K1C11B
		250	15,000pF	±10%	490-4817-ND	.83	6.08	43.43		RDRE72E153K2K1C11B
		4	X7R	630	.22μF	±10%	490-4826-ND	3.40	25.08	179.13
5	X7R	250	.47μF	±10%	490-4819-ND	3.36	24.77	176.93		RDRE72E474K5B1C13B
5	X7R	630	.47μF	±20%	490-4831-ND	6.09	44.89	320.65		RDRE72J474MUB1C13B

**经过安全认证的陶瓷电容器**



温度特性	电容变化	温度范围
SL	350 ~ -1000ppm/°C	-20°C ~ 85°C
B	最大 ±10%	-25°C ~ 85°C
E	20, -55% 最大	
F	30, -80% 最大	

特点: • 工作温度范围保证最高 125°C (UL: 85°C) • 额定电压 250V • KH/KY 系列经过 UL/CSA/BSI/SEMCO/SEV/VDE/FIMKO/NEMKO/DEMKO 和 DEMKO/NSW 的认证 • 涂有阻燃环氧树脂 (符合 UL 94V-0 标准)

电容 (pF)	电容公差 (%)	温度特性	尺寸 (mm)	D	od	F	T	Digi-Key 零件编号	价格	1	10	100	Murata 零件编号
KH 系列													
基本绝缘型 X1, Y2 类													
220	±10	B	8	0.6	7.5	7.0	490-4208-ND	.20	1.47	10.48			DE2B3KH221KA3B
330	±10	B	8	0.6	7.5	7.0	490-4209-ND	.20	1.48	10.55			DE2B3KH331KA3B
470	±10	B	8	0.6	7.5	7.0	490-4210-ND	.20	1.44	10.30			DE2B3KH471KA3B
680	±10	B	9	0.6	7.5	7.0	490-4211-ND	.21	1.56	11.18			DE2B3KH681KA3B
1,000	±20	E											