

**NEW! Monolithic Ceramic Capacitors
for High Frequency — ERB Series**

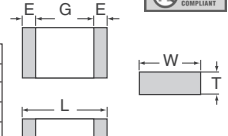


Features:

- Negligible inductance is achieved by its monolithic structure so the series can be used at frequencies above 2 GHz.
- Nickel barriered termination of ERB series improve solderability and decrease solder leaching
- 0603 and 0805 are designed for both flow and reflow soldering and 1210 are designed for reflow soldering

Applications: High frequency and high-power circuits

Size Code	Dimensions (mm)			
	L	W	E min.	G min.
0603	1.6±0.1	0.8±0.1	0.2	0.5
0805	2.0±0.3	1.25±0.3	0.25	0.7
1210	3.2±0.3	2.5±0.3	0.3	1.0



Size Code	Type	WV DC	Capacitance	Tolerance	Dimension T (mm) max.	Digi-Key Part No.	Cut Tape Pricing			Digi-Key Part No.	Tape and Reel		Murata Part No.
							10	100	500		Qty.	Pricing	
0603	COG (NPO)	250	0.5pF	±0.25pF	0.9	490-4845-1-ND	3.00	17.75	51.19	490-4845-2-ND	4,000	49.00/M	ERB1885C2E1R50CDX1D
			1.0pF	±0.25pF	0.9	490-4846-1-ND	3.00	17.75	51.19	490-4846-2-ND	4,000	49.00/M	ERB1885C2E1R0CDX1D
			1.2pF	±0.1pF	0.9	490-4847-1-ND	5.96	35.23	101.63	490-4847-2-ND	4,000	98.00/M	ERB1885C2E1R2BDX1D
			1.5pF	±0.25pF	0.9	490-4848-1-ND	3.00	17.75	51.19	490-4848-2-ND	4,000	49.00/M	ERB1885C2E1R5CDX1D
			1.8pF	±0.1pF	0.9	490-4849-1-ND	5.96	35.23	101.63	490-4849-2-ND	4,000	98.00/M	ERB1885C2E1R8BDX1D
			2.2pF	±0.1pF	0.9	490-4850-1-ND	5.96	35.23	101.63	490-4850-2-ND	4,000	98.00/M	ERB1885C2E2R2BDX1D
			2.7pF	±0.1pF	0.9	490-4851-1-ND	5.96	35.23	101.63	490-4851-2-ND	4,000	98.00/M	ERB1885C2E2R7BDX1D
			3.3pF	±0.1pF	0.9	490-4852-1-ND	5.96	35.23	101.63	490-4852-2-ND	4,000	98.00/M	ERB1885C2E3R3BDX1D
			3.9pF	±0.1pF	0.9	490-4853-1-ND	5.96	35.23	101.63	490-4853-2-ND	4,000	98.00/M	ERB1885C2E3R9BDX1D
			4.7pF	±0.1pF	0.9	490-4854-1-ND	5.96	35.23	101.63	490-4854-2-ND	4,000	98.00/M	ERB1885C2E4R7BDX1D
			5.6pF	±0.25pF	0.9	490-4855-1-ND	3.00	17.75	51.19	490-4855-2-ND	4,000	49.00/M	ERB1885C2E5R6CDX1D
			6.8pF	±0.25pF	0.9	490-4856-1-ND	3.00	17.75	51.19	490-4856-2-ND	4,000	49.00/M	ERB1885C2E6R8CDX1D
			8.2pF	±0.25pF	0.9	490-4857-1-ND	3.00	17.75	51.19	490-4857-2-ND	4,000	49.00/M	ERB1885C2E8R2CDX5D
			10pF	±5%	0.9	490-4858-1-ND	3.00	17.75	51.19	490-4858-2-ND	4,000	49.00/M	ERB1885C2E10JDX5D
			12pF	±5%	0.9	490-4859-1-ND	2.34	13.85	39.94	490-4859-2-ND	4,000	38.00/M	ERB1885C2E12OJDX5D
			15pF	±5%	0.9	490-4860-1-ND	3.58	21.13	60.94	490-4860-2-ND	4,000	59.00/M	ERB1885C2E15OJDX5D
			18pF	±5%	0.9	490-4861-1-ND	3.58	21.13	60.94	490-4861-2-ND	4,000	59.00/M	ERB1885C2E18JDX5D
			22pF	±5%	0.9	490-4862-1-ND	3.58	21.13	60.94	490-4862-2-ND	4,000	59.00/M	ERB1885C2E22OJDX5D
			27pF	±5%	0.9	490-4863-1-ND	3.58	21.13	60.94	490-4863-2-ND	4,000	59.00/M	ERB1885C2E27OJDX5D
			33pF	±5%	0.9	490-4864-1-ND	3.58	21.13	60.94	490-4864-2-ND	4,000	59.00/M	ERB1885C2E33OJDX5D
39pF	±5%	0.9	490-4865-1-ND	3.58	21.13	60.94	490-4865-2-ND	4,000	59.00/M	ERB1885C2E39OJDX5D			
47pF	±5%	0.9	490-4866-1-ND	3.58	21.13	60.94	490-4866-2-ND	4,000	59.00/M	ERB1885C2E47OJDX5D			
56pF	±5%	0.9	490-4867-1-ND	3.58	21.13	60.94	490-4867-2-ND	4,000	59.00/M	ERB1885C2E56OJDX5D			
68pF	±5%	0.9	490-4868-1-ND	3.58	21.13	60.94	490-4868-2-ND	4,000	59.00/M	ERB1885C2E68OJDX5D			
82pF	±5%	0.9	490-4869-1-ND	3.58	21.13	60.94	490-4869-2-ND	4,000	59.00/M	ERB1885C2E82OJDX5D			
100pF	±5%	0.9	490-4870-1-ND	3.58	21.13	60.94	490-4870-2-ND	4,000	59.00/M	ERB1885C2E101JDX5D			
0805	COG (NPO)	250	0.5pF	±0.25pF	1.35	490-4871-1-ND	6.62	39.13	112.88	490-4871-2-ND	3,000	108.00/M	ERB2185C2E1R50CDX1L
			1.0pF	±0.25pF	1.35	490-4872-1-ND	6.62	39.13	112.88	490-4872-2-ND	3,000	108.00/M	ERB2185C2E1R0CDX1L
			1.2pF	±0.1pF	1.35	490-4873-1-ND	12.20	72.09	207.94	490-4873-2-ND	3,000	200.00/M	ERB2185C2E1R2BDX1L
			1.5pF	±0.25pF	1.35	490-4874-1-ND	6.62	39.13	112.88	490-4874-2-ND	3,000	108.00/M	ERB2185C2E1R5CDX1L
			1.8pF	±0.1pF	1.35	490-4875-1-ND	12.20	72.09	207.94	490-4875-2-ND	3,000	200.00/M	ERB2185C2E1R8BDX1L
			2.2pF	±0.1pF	1.35	490-4876-1-ND	12.20	72.09	207.94	490-4876-2-ND	3,000	200.00/M	ERB2185C2E2R2BDX1L
			2.7pF	±0.1pF	1.35	490-4877-1-ND	12.20	72.09	207.94	490-4877-2-ND	3,000	200.00/M	ERB2185C2E2R7BDX1L
			3.3pF	±0.1pF	1.35	490-4878-1-ND	12.20	72.09	207.94	490-4878-2-ND	3,000	200.00/M	ERB2185C2E3R3BDX1L
			3.9pF	±0.1pF	1.35	490-4879-1-ND	12.20	72.09	207.94	490-4879-2-ND	3,000	200.00/M	ERB2185C2E3R9BDX1L
			4.7pF	±0.1pF	1.35	490-4880-1-ND	12.20	72.09	207.94	490-4880-2-ND	3,000	200.00/M	ERB2185C2E4R7BDX1L
			5.6pF	±0.25pF	1.35	490-4881-1-ND	6.62	39.13	112.88	490-4881-2-ND	3,000	108.00/M	ERB2185C2E5R6CDX1L
			6.8pF	±0.25pF	1.35	490-4882-1-ND	6.62	39.13	112.88	490-4882-2-ND	3,000	108.00/M	ERB2185C2E6R8CDX1L
			8.2pF	±0.25pF	1.35	490-4883-1-ND	6.62	39.13	112.88	490-4883-2-ND	3,000	108.00/M	ERB2185C2E8R2CDX1L
			10pF	±5%	1.35	490-4884-1-ND	6.62	39.13	112.88	490-4884-2-ND	3,000	108.00/M	ERB2185C2E10OJDX1L
			12pF	±5%	1.35	490-4885-1-ND	8.61	50.90	146.81	490-4885-2-ND	3,000	141.00/M	ERB2185C2E12OJDX1L
			15pF	±5%	1.35	490-4886-1-ND	8.61	50.90	146.81	490-4886-2-ND	3,000	141.00/M	ERB2185C2E15OJDX1L
			18pF	±5%	1.35	490-4887-1-ND	8.61	50.90	146.81	490-4887-2-ND	3,000	141.00/M	ERB2185C2E18OJDX1L
			22pF	±5%	1.35	490-4888-1-ND	8.61	50.90	146.81	490-4888-2-ND	3,000	141.00/M	ERB2185C2E22OJDX1L
			27pF	±5%	1.35	490-4889-1-ND	8.61	50.90	146.81	490-4889-2-ND	3,000	141.00/M	ERB2185C2E27OJDX1L
			33pF	±5%	1.35	490-4890-1-ND	8.61	50.90	146.81	490-4890-2-ND	3,000	141.00/M	ERB2185C2E33OJDX1L
39pF	±5%	1.35	490-4891-1-ND	8.61	50.90	146.81	490-4891-2-ND	3,000	141.00/M	ERB2185C2E39OJDX1L			
47pF	±5%	1.35	490-4892-1-ND	8.61	50.90	146.81	490-4892-2-ND	3,000	141.00/M	ERB2185C2E47OJDX1L			
56pF	±5%	1.35	490-4893-1-ND	13.24	78.26	225.75	490-4893-2-ND	3,000	217.00/M	ERB2185C2E56OJDX1L			
68pF	±5%	1.35	490-4894-1-ND	13.24	78.26	225.75	490-4894-2-ND	3,000	217.00/M	ERB2185C2E68OJDX1L			
82pF	±5%	1.35	490-4895-1-ND	13.24	78.26	225.75	490-4895-2-ND	3,000	217.00/M	ERB2185C2E82OJDX1L			
100pF	±5%	1.35	490-4896-1-ND	13.24	78.26	225.75	490-4896-2-ND	3,000	217.00/M	ERB2185C2E101JDX1L			
100	120pF	±5%	1.35	490-4897-1-ND	16.74	98.93	285.38	490-4897-2-ND	3,000	274.00/M	ERB2185C2A121JDX1L		
50	150pF	±5%	1.35	490-4898-1-ND	12.47	73.71	212.63	490-4898-2-ND	3,000	204.00/M	ERB2185C1H151JDX1L		
1210	COG (NPO)	250	180pF	±5%	1.7	490-4899-1-ND	30.10	177.84	513.00	490-4899-2-ND	3,000	492.00/M	ERB3205C2E181JDX1L
			220pF	±5%	1.7	490-4900-1-ND	30.10	177.84	513.00	490-4900-2-ND	3,000	492.00/M	ERB3205C2E221JDX1L
			270pF	±5%	1.7	490-4901-1-ND	37.87	223.80	645.56	490-4901-2-ND	3,000	620.00/M	ERB3205C2A271JDX1L
			330pF	±5%	1.7	490-4902-1-ND	37.87	223.80	645.56	490-4902-2-ND	3,000	620.00/M	ERB3205C2A331JDX1L
			390pF	±5%	1.7	490-4903-1-ND	37.87	223.80	645.56	490-4903-2-ND	3,000	620.00/M	ERB3205C2A391JDX1L
			470pF	±5%	1.7	490-4904-1-ND	37.87	223.80	645.56	490-4904-2-ND	3,000	620.00/M	ERB3205C2A471JDX1L
		50	560pF	±5%	1.7	490-4905-1-ND	37.87	223.80	645.56	490-4905-2-ND	3,000	620.00/M	ERB3205C1H1561JDX1L
			680pF	±5%	1.7	490-4906-1-ND	37.87	223.80	645.56	490-4906-2-ND	3,000	620.00/M	ERB3205C1H1681JDX1L
			820pF	±5%	1.7	490-4907-1-ND	37.87	223.80	645.56	490-4907-2-ND	3,000	620.00/M	ERB3205C1H1821JDX1L
			1000pF	±5%	1.7	490-4908-1-ND	37.87	223.80	645.56	490-4908-2-ND	3,000	620.00/M	ERB3205C1H1102JDX1L

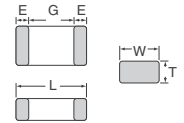
Digi-Key

F

**NEW! Monolithic Ceramic Capacitors
for Automotive — GCM Series**



Size Code	Dimensions (mm)			
	L	W	E	G min.
0402	1.0	0.5	0.15 - 0.3	0.4
0603	1.6	0.8	0.2 - 0.5	0.5
0805	2.0	1.25	0.2 - 0.7	0.7
1206	3.2	1.6	0.3 - 0.8	1.5
1210	3.2	2.5	0.3	1.0



- Features:**
- Meets AEC-Q200 requirements
 - Higher resistance of solder-leaching due to the Ni-barriered termination, applicable for reflow soldering and flow soldering (0603, 0805 and 1206 only)

Applications: Automotive electronic equipment power train, safety equipment **Operating Temperature Range:** -55°C - 125°C

Size Code	Type	WV DC	Capacitance	Tolerance	Dimension T (mm)	Digi-Key Part No.	Cut Tape Pricing			Digi-Key Part No.	Tape and Reel		Murata Part No.
							10	100	500		Qty.	Pricing	
0402	COG	50	1pF	±0.25pF	0.5	490-4757-1-ND	.56	3.32	9.56	490-4757-2-ND	10,000	9.00/M	GCM1555C1H1R0CZ13D
			1.5pF	±0.25pF	0.5	490-4915-1-ND	.57	3.38	9.75	490-4915-2-ND	10,000	9.00/M	GCM1555C1H1R5CZ13D
			2.2pF	±0.25pF	0.5	490-4917-1-ND	.57	3.38	9.75	490			

Size Code	Type	WV DC	Capacitance	Tolerance	Dimension T (mm)	Digi-Key Part No.	Cut Tape Pricing			Digi-Key Part No.	Tape and Reel		Murata Part No.	
							10	100	500		Qty.	Pricing		
0402	X7R	50	220pF	±10%	0.5	490-4912-1-ND	.34	2.02	5.81	490-4912-2-ND	10,000	6.00/M	GCM155R71H221KA37D	
			470pF	±10%	0.5	490-4913-1-ND	.34	2.02	5.81	490-4913-2-ND	10,000	6.00/M	GCM155R71H471KA37D	
			1000pF	±10%	0.5	490-4761-1-ND	.28	1.63	4.69	490-4761-2-ND	10,000	5.00/M	GCM155R71H102KA37D	
			2200pF	±10%	0.5	490-4914-1-ND	.30	1.76	5.06	490-4914-2-ND	10,000	5.00/M	GCM155R71H222KA37D	
			4700pF	±10%	0.5	490-4915-1-ND	.29	1.69	4.88	490-4915-2-ND	10,000	5.00/M	GCM155R71H472KA37D	
			0.01µF	±10%	0.5	490-4762-1-ND	.28	1.63	4.69	490-4762-2-ND	10,000	5.00/M	GCM155R71H103KA55D	
	100	0.022µF	±10%	0.5	490-4763-1-ND	.45	2.67	7.69	490-4763-2-ND	10,000	7.00/M	GCM155R71H223KA55D		
		220pF	±10%	0.5	490-4909-1-ND	.37	2.21	6.38	490-4909-2-ND	10,000	6.00/M	GCM155R72A21KA37D		
		470pF	±10%	0.5	490-4910-1-ND	.37	2.21	6.38	490-4910-2-ND	10,000	6.00/M	GCM155R72A471KA37D		
		1000pF	±10%	0.5	490-4764-1-ND	.37	2.21	6.38	490-4764-2-ND	10,000	6.00/M	GCM155R72A102KA37D		
		2200pF	±10%	0.5	490-4911-1-ND	.33	1.95	5.63	490-4911-2-ND	10,000	5.00/M	GCM155R72A222KA37D		
		4700pF	±10%	0.5	490-4765-1-ND	.32	1.89	5.44	490-4765-2-ND	10,000	5.00/M	GCM155R72A472KA37D		
0603	COG	50	1pF	±0.25pF	0.8	490-4769-1-ND	1.21	7.15	20.63	490-4769-2-ND	4,000	20.00/M	GCM1885C1H10R2C13D	
			1.5pF	±0.25pF	0.8	490-4952-1-ND	1.23	7.28	21.00	490-4952-2-ND	4,000	20.00/M	GCM1885C1H1R5C213D	
			2.2pF	±0.25pF	0.8	490-4953-1-ND	1.23	7.28	21.00	490-4953-2-ND	4,000	20.00/M	GCM1885C1H2R2C213D	
			3.3pF	±0.25pF	0.8	490-4954-1-ND	1.23	7.28	21.00	490-4954-2-ND	4,000	20.00/M	GCM1885C1H3R3C213D	
			4.7pF	±0.25pF	0.8	490-4955-1-ND	1.23	7.28	21.00	490-4955-2-ND	4,000	20.00/M	GCM1885C1H4R7C213D	
			6.8pF	±0.5pF	0.8	490-4956-1-ND	1.23	7.28	21.00	490-4956-2-ND	4,000	20.00/M	GCM1885C1H6R8DZ13D	
			10pF	±5%	0.8	490-4766-1-ND	.53	3.12	9.00	490-4766-2-ND	4,000	9.00/M	GCM1885C1H100JA16D	
			15pF	±5%	0.8	490-4957-1-ND	.54	3.19	9.19	490-4957-2-ND	4,000	9.00/M	GCM1885C1H150JA16D	
			22pF	±5%	0.8	490-4958-1-ND	.57	3.38	9.75	490-4958-2-ND	4,000	9.00/M	GCM1885C1H220JA16D	
			33pF	±5%	0.8	490-4959-1-ND	.57	3.38	9.75	490-4959-2-ND	4,000	9.00/M	GCM1885C1H330JA16D	
			47pF	±5%	0.8	490-4960-1-ND	.57	3.38	9.75	490-4960-2-ND	4,000	9.00/M	GCM1885C1H470JA16D	
			68pF	±5%	0.8	490-4961-1-ND	.57	3.38	9.75	490-4961-2-ND	4,000	9.00/M	GCM1885C1H680JA16D	
100pF	±5%	0.8	490-4767-1-ND	.56	3.32	9.56	490-4767-2-ND	4,000	9.00/M	GCM1885C1H101JA16D				
100	150pF	±5%	0.8	490-4962-1-ND	.67	3.97	11.44	490-4962-2-ND	4,000	11.00/M	GCM1885C1H151JA16D			
	220pF	±5%	0.8	490-4963-1-ND	.73	4.29	12.38	490-4963-2-ND	4,000	12.00/M	GCM1885C1H221JA16D			
	330pF	±5%	0.8	490-4964-1-ND	.77	4.55	13.13	490-4964-2-ND	4,000	13.00/M	GCM1885C1H331JA16D			
	470pF	±5%	0.8	490-4965-1-ND	.77	4.55	13.13	490-4965-2-ND	4,000	13.00/M	GCM1885C1H471JA16D			
	680pF	±5%	0.8	490-4966-1-ND	1.01	5.98	17.25	490-4966-2-ND	4,000	17.00/M	GCM1885C1H681JA16D			
	1000pF	±5%	0.8	490-4768-1-ND	.96	5.66	16.31	490-4768-2-ND	4,000	16.00/M	GCM1885C1H102JA16D			
	1500pF	±5%	0.8	490-4967-1-ND	1.03	6.11	17.63	490-4967-2-ND	4,000	17.00/M	GCM1885C1H152JA16D			
	2200pF	±5%	0.8	490-4968-1-ND	1.10	6.50	18.75	490-4968-2-ND	4,000	18.00/M	GCM1885C1H222JA16D			
	1pF	±0.25pF	0.8	490-4773-1-ND	2.29	13.52	39.00	490-4773-2-ND	4,000	37.00/M	GCM1885C2A1R0C213D			
	1.5pF	±0.25pF	0.8	490-4936-1-ND	2.32	13.72	39.56	490-4936-2-ND	4,000	38.00/M	GCM1885C2A1R5C213D			
	2.2pF	±0.25pF	0.8	490-4937-1-ND	2.32	13.72	39.56	490-4937-2-ND	4,000	38.00/M	GCM1885C2A2R2C213D			
	3.3pF	±0.25pF	0.8	490-4938-1-ND	2.32	13.72	39.56	490-4938-2-ND	4,000	38.00/M	GCM1885C2A3R3C213D			
4.7pF	±0.25pF	0.8	490-4939-1-ND	2.32	13.72	39.56	490-4939-2-ND	4,000	38.00/M	GCM1885C2A4R7C213D				
100	6.8pF	±0.5pF	0.8	490-4940-1-ND	2.32	13.72	39.56	490-4940-2-ND	4,000	38.00/M	GCM1885C2A6R8DZ13D			
	10pF	±5%	0.8	490-4770-1-ND	.67	3.97	11.44	490-4770-2-ND	4,000	11.00/M	GCM1885C2A100JA16D			
	15pF	±5%	0.8	490-4941-1-ND	.65	3.84	11.06	490-4941-2-ND	4,000	11.00/M	GCM1885C2A150JA16D			
	22pF	±5%	0.8	490-4942-1-ND	.65	3.84	11.06	490-4942-2-ND	4,000	11.00/M	GCM1885C2A220JA16D			
	33pF	±5%	0.8	490-4943-1-ND	.62	3.64	10.50	490-4943-2-ND	4,000	10.00/M	GCM1885C2A330JA16D			
	47pF	±5%	0.8	490-4944-1-ND	.65	3.84	11.06	490-4944-2-ND	4,000	11.00/M	GCM1885C2A470JA16D			
	68pF	±5%	0.8	490-4945-1-ND	.65	3.84	11.06	490-4945-2-ND	4,000	11.00/M	GCM1885C2A680JA16D			
	100pF	±5%	0.8	490-4771-1-ND	.64	3.77	10.88	490-4771-2-ND	4,000	10.00/M	GCM1885C2A101JA16D			
	150pF	±5%	0.8	490-4946-1-ND	.70	4.16	12.00	490-4946-2-ND	4,000	12.00/M	GCM1885C2A151JA16D			
	220pF	±5%	0.8	490-4947-1-ND	.92	5.46	15.75	490-4947-2-ND	4,000	15.00/M	GCM1885C2A221JA16D			
	330pF	±5%	0.8	490-4948-1-ND	.99	5.85	16.88	490-4948-2-ND	4,000	16.00/M	GCM1885C2A331JA16D			
	470pF	±5%	0.8	490-4949-1-ND	1.11	6.57	18.94	490-4949-2-ND	4,000	18.00/M	GCM1885C2A471JA16D			
680pF	±5%	0.8	490-4950-1-ND	1.29	7.61	21.94	490-4950-2-ND	4,000	21.00/M	GCM1885C2A681JA16D				
1000pF	±5%	0.8	490-4772-1-ND	1.40	8.26	23.81	490-4772-2-ND	4,000	23.00/M	GCM1885C2A102JA16D				
1500pF	±5%	0.8	490-4951-1-ND	1.60	9.43	27.19	490-4951-2-ND	4,000	26.00/M	GCM1885C2A152JA16D				
16	X7R	50	0.1µF	±10%	0.8	490-4774-1-ND	.47	2.80	8.06	490-4774-2-ND	4,000	8.00/M	GCM188R71C104KA37D	
			0.47µF	±10%	0.8	490-4775-1-ND	1.30	7.67	22.13	490-4775-2-ND	4,000	21.00/M	GCM188R71C474KA55D	
			0.22µF	±10%	0.8	490-4935-1-ND	1.23	7.28	21.00	490-4935-2-ND	4,000	20.00/M	GCM188R71E224KA55D	
			0.47µF	±10%	0.8	490-4776-1-ND	1.43	8.45	24.38	490-4776-2-ND	4,000	23.00/M	GCM188R71E474KA64D	
			1000pF	±10%	0.8	490-4777-1-ND	.37	2.21	6.38	490-4777-2-ND	4,000	6.00/M	GCM188R71H102KA37D	
			2200pF	±10%	0.8	490-4931-1-ND	.35	2.08	6.00	490-4931-2-ND	4,000	6.00/M	GCM188R71H222KA37D	
			4700pF	±10%	0.8	490-4932-1-ND	.35	2.08	6.00	490-4932-2-ND	4,000	6.00/M	GCM188R71H472KA37D	
			22000pF	±10%	0.8	490-4933-1-ND	.57	3.38	9.75	490-4933-2-ND	4,000	9.00/M	GCM188R71H223KA57D	
			47000pF	±10%	0.8	490-4934-1-ND	.79	4.68	13.50	490-4934-2-ND	4,000	13.00/M	GCM188R71H473KA55D	
			0.01µF	±10%	0.8	490-4778-1-ND	.37	2.21	6.38	490-4778-2-ND	4,000	6.00/M	GCM188R71H103KA37D	
			0.1µF	±10%	0.8	490-4779-1-ND	.64	3.77	10.88	490-4779-2-ND	4,000	10.00/M	GCM188R71H104KA57D	
			1000pF	±10%	0.8	490-4780-1-ND	.51	2.99	8.63	490-4780-2-ND	4,000	8.00/M	GCM188R72A102KA37D	
100	0.01µF	±10%	0.8	490-4781-1-ND	.54	3.19	9.19	490-4781-2-ND	4,000	9.00/M	GCM188R72A103KA37D			
	0.022µF	±10%	0.8	490-4782-1-ND	.81	4.81	13.88	490-4782-2-ND	4,000	13.00/M	GCM188R72A223KA37D			
	2200pF	±10%	0.8	490-4929-1-ND	.54	3.19	9.19	490-4929-2-ND	4,000	9.00/M	GCM188R72A222KA37D			
	4700pF	±10%	0.8	490-4930-1-ND	.73	4.29	12.38	490-4930-2-ND	4,000	12.00/M	GCM188R72A472KA37D			
	50	COG	100	4700pF	±5%	0.6	490-4973-1-ND	2.43	14.37	41.44	490-4973-2-ND	4,000	40.00/M	GCM2165C1H472JA16D
				6800pF	±5%	0.85	490-4974-1-ND	2.86	16.90	48.75	490-4974-2-ND	4,000	47.00/M	GCM2195C1H682JA16D
				0.01µF	±5%	0.85	490-4783-1-ND	4.26	25.16	72.56	490-4783-2-ND	4,000	70.00/M	GCM2195C1H103JA16D
				2200pF	±5%	0.6	490-4971-1-ND	2.20	13.00	37.50	490-4971-2-ND	4,000	36.00/M	GCM2165C2A222JA16D
				3300pF	±5%	0.6	490-4972-1-ND	2.70	15.93	45.94	490-4972-2-ND	4,000	44.00/M	GCM2165C2A332JA16D
				16	2.2µF	±10%	1.25	490-4786-1-ND	3.62	21.39	61.69	490-4786-2-ND	3,000	59.00/M
	25	X7R	50	1µF	±10%	1.25	490-4785-1-ND	2.06	12.16	35.06	490-4785-2-ND	3,000	34.00/M	GCM21BR71E105KA56L
				2.2µF	±10%	1.25	490-4787-1-ND	4.48	26.46	76.31	490-4787-2-ND	3,000	73.00/M	GCM21BR71E225KA73L
0.22µF				±10%	1.25	490-4970-1-ND	2.38	14.04	40.50	490-4970-2-ND	3,000	39.00/M	GCM21BR71H224KA37L	
0.47µF				±10%	1.25	490-4788-1-ND	3.62	21.39	61.69	490-4788-2-ND	3,000	59.00/M	GCM21BR71H474KA55L	
4700pF				±10%	1.25	490-4969-1-ND	2.13	12.61	36.38	490-4969-2-ND	3,000	35.00/M	GCM21BR72A473KA37L	
0.1µF				±10%	1.25	490-4789-1-ND	1.75	10.34	29.					