

200 Volt d. c. COG		Tolerance (%)	Dimensions			Lead Pitch	Mfrs. List No.	Order Code
pF	nF	(%)	H	W	D			
10	0.01	5	3.81	3.81	2.54	2.54	MCRR25100COGJ0200	121-6406
22	0.022	5	3.81	3.81	2.54	2.54	MCRR25220COGJ0200	121-6407
33	0.033	5	3.81	3.81	2.54	2.54	MCRR25330COGJ0200	121-6408
47	0.047	5	3.81	3.81	2.54	2.54	MCRR25470COGJ0200	121-6409

200 Volt d.c. COG		Price Each					
pF	Order Code	1+	50+	100+	500+	+	+
10	121-6406	5.00	5.00	4.00	4.00	--	--
22	121-6407	12.00	10.00	8.00	5.00	--	--
33	121-6408	12.00	10.00	8.00	5.00	--	--
47	121-6409	12.00	10.00	8.00	5.00	--	--

200 Volt d. c. COG		Tolerance (%)	Dimensions			Lead Pitch	Mfrs. List No.	Order Code
pF	nF	(%)	H	W	D			
10	0.01	5	7.62	5.08	3.18	5.08	MCRR50100COGJ0200	121-6410
22	0.022	5	7.62	5.08	3.18	5.08	MCRR50220COGJ0200	121-6411
33	0.033	5	7.62	5.08	3.18	5.08	MCRR50330COGJ0200	121-6412
47	0.047	5	7.62	5.08	3.18	5.08	MCRR50470COGJ0200	121-6413
100	0.1	5	7.62	5.08	3.18	5.08	MCRR50101COGJ0200	121-6414
220	0.22	5	7.62	5.08	3.18	5.08	MCRR50221COGJ0200	121-6415

200 Volt d.c. COG		Price Each					
pF	Order Code	1+	50+	100+	500+	+	+
10	121-6410	12.00	10.00	8.00	5.00	--	--
22	121-6411	12.00	10.00	8.00	5.00	--	--
33	121-6412	12.00	10.00	8.00	5.00	--	--
47	121-6413	12.00	10.00	8.00	5.00	--	--
100	121-6414	12.00	10.00	8.00	5.00	--	--
220	121-6415	12.00	10.00	8.00	5.00	--	--

100 Volt d. c. COG		Tolerance (%)	Dimensions			Lead Pitch	Mfrs. List No.	Order Code
pF	nF	(%)	H	W	D			
100	0.1	5	3.81	3.81	2.54	2.54	MCRR25101COGJ0100	121-6416
220	0.22	5	3.81	3.81	2.54	2.54	MCRR25221COGJ0100	121-6418
330	0.33	5	3.81	3.81	2.54	2.54	MCRR25331COGJ0100	121-6419
470	0.47	5	3.81	3.81	2.54	2.54	MCRR25471COGJ0100	121-6420
1000	1	5	3.81	3.81	2.54	2.54	MCRR25102COGJ0100	121-6421

100 Volt d.c. COG		Price Each					
pF	Order Code	1+	50+	100+	500+	+	+
100	121-6416	12.00	10.00	8.00	5.00	--	--
220	121-6418	12.00	10.00	8.00	5.00	--	--
330	121-6419	12.00	10.00	8.00	5.00	--	--
470	121-6420	12.00	10.00	8.00	5.00	--	--
1000	121-6421	14.00	12.00	11.00	6.00	--	--

100 Volt d. c. COG		Tolerance (%)	Dimensions			Lead Pitch	Mfrs. List No.	Order Code
pF	nF	(%)	H	W	D			
1000	1	5	7.62	5.08	3.18	5.08	MCRR50102COGJ0100	121-6422

100 Volt d.c. COG		Price Each					
pF	Order Code	1+	50+	100+	500+	+	+
1000	121-6422	14.00	12.00	11.00	6.00	--	--

100 Volt d. c. X7R		Tolerance (%)	Dimensions			Lead Pitch	Mfrs. List No.	Order Code
pF	nF	(%)	H	W	D			
1000	1	10	3.81	3.81	2.54	2.54	MCRR25102X7RK0100	121-6423
3300	3.3	10	3.81	3.81	2.54	2.54	MCRR25332X7RK0100	121-6424
10000	10	10	3.81	3.81	2.54	2.54	MCRR25103X7RK0100	121-6425
22000	22	10	3.81	3.81	2.54	2.54	MCRR25223X7RK0100	121-6426

100 Volt d.c. X7R		Price Each					
pF	Order Code	1+	50+	100+	500+	+	+
1000	121-6423	10.00	8.00	6.00	4.00	--	--
10000	121-6425	14.00	11.00	9.00	5.00	--	--
22000	121-6426	15.00	13.00	11.00	6.00	--	--

100 Volt d. c. X7R		Tolerance (%)	Dimensions			Lead Pitch	Mfrs. List No.	Order Code
pF	nF	(%)	H	W	D			
1000	1	10	7.62	5.08	3.18	5.08	MCRR50102X7RK0100	121-6427
2200	2.2	10	7.62	5.08	3.18	5.08	MCRR50222X7RK0100	121-6428
3300	3.3	10	7.62	5.08	3.18	5.08	MCRR50332X7RK0100	121-6431
22000	22	10	7.62	5.08	3.18	5.08	MCRR50223X7RK0100	121-6433
100000	100	10	7.62	5.08	3.18	5.08	MCRR50104X7RK0100	121-6434

100 Volt d.c. X7R		Price Each					
pF	Order Code	1+	50+	100+	500+	+	+
1000	121-6427	10.00	8.00	6.00	4.00	--	--
2200	121-6428	7.00	6.00	5.00	3.00	--	--
3300	121-6431	8.00	6.00	6.00	3.00	--	--
22000	121-6433	15.00	13.00	11.00	6.00	--	--
100000	121-6434	18.00	14.00	12.00	6.00	--	--

63/50 Volt d. c. X7R		Tolerance (%)	Dimensions			Lead Pitch	Mfrs. List No.	Order Code
pF	nF	(%)	H	W	D			
10000	10	10	3.81	3.81	2.54	2.54	MCRR25103X7RK0050	121-6435
33000	33	10	5.08	5.08	3.18	2.54	MCRR25333X7RK0050	121-6436
47000	47	10	5.08	5.08	3.18	2.54	MCRR25473X7RK0050	121-6437
100000	100	10	5.08	5.08	3.18	2.54	MCRR25104X7RK0050	121-6438

63/50 Volt d.c. X7R		Price Each					
pF	Order Code	1+	50+	100+	500+	+	+
10000	121-6435	10.00	8.00	6.00	4.00	--	--
33000	121-6436	11.00	10.00	10.00	7.00	--	--
47000	121-6437	10.00	8.00	7.00	4.00	--	--
100000	121-6438	12.00	9.00	7.00	4.00	--	--

63/50 Volt d. c. X7R		Tolerance (%)	Dimensions			Lead Pitch	Mfrs. List No.	Order Code
pF	nF	(%)	H	W	D			
47000	47	10	7.62	5.08	3.18	5.08	MCRR50473X7RK0050	121-6439
100000	100	10	7.62	5.08	3.18	5.08	MCRR50104X7RK0050	121-6440
220000	220	10	7.62	5.08	3.18	5.08	MCRR50224X7RK0050	121-6441
470000	470	10	7.62	7.62	3.81	5.08	MCRR50474X7RK0050	121-6448
1000000	1000	10	7.62	7.62	3.81	5.08	MCRR50105X7RK0050	121-6443

63/50 Volt d.c. X7R		Price Each					
pF	Order Code	1+	50+	100+	500+	+	+
47000	121-6439	10.00	8.00	7.00	4.00	--	--
100000	121-6440	12.00	9.00	7.00	4.00	--	--
220000	121-6441	28.00	23.00	21.00	12.00	--	--
470000	121-6448	40.00	35.00	29.00	17.00	--	--
1000000	121-6443	107.00	93.00	86.00	61.00	--	--

63/50 Volt d. c. Z5U		Tolerance (%)	Dimensions			Lead Pitch	Mfrs. List No.	Order Code
pF	nF	(%)	H	W	D			
100000	100	20	5.08	5.08	3.18	2.54	MCRR25104Z5UM0050	121-6444

63/50 Volt d.c. Z5U		Price Each					
pF	Order Code	1+	50+	100+	500+	+	+
100000	121-6444	7.00	6.00	5.00	3.00	--	--

63/50 Volt d. c. Z5U		Tolerance (%)	Dimensions			Lead Pitch	Mfrs. List No.	Order Code
pF	nF	(%)	H	W	D			
100000	100	20	7.62	5.08	3.18	5.08	MCRR50104Z5UM0050	121-6445
470000	470	20	7.62	5.08	3.18	5.08	MCRR50474Z5UM0050	121-6446
1000000	1000	20	7.62	7.62	3.81	5.08	MCRR50105Z5UM0050	121-6447

63/50 Volt d.c. Z5U		Price Each					
pF	Order Code	1+	50+	100+	500+	+	+
100000	121-6445	7.00	6.00	5.00	3.00	--	--
470000	121-6446	19.00	17.00	14.00	8.00	--	--
1000000	121-6447	13.00	12.00	10.00	9.00	--	--

2252 300 Series



- Radial multilayer ceramic capacitors
- Ultra reliability
- Compact package size
- Choice of dielectric characteristics

Performance Characteristics

	NPO	X7R
Operating Temperature	-55°C to +125°C	-55°C to +125°C
Temperature coefficient	±30ppm/°C	—
Capacitance Tolerance	±5%	±10%
Dielectric strength	2.5VR	2.5VR

N.B. For ease of selection, capacitance value is listed in both µf and nf, or nF and pF

50 Volt d.c. NPO		Dimensions			Lead Dia	Lead Pitch	Mfrs. List No.	Order Code
pF	nF	H	W	D				
10	0.01	4	4	2.5	0.5	2.5	225230500109	114-1756
15	0.015	4	4	2.5	0.5	2.5	225230500159	114-1759
22	0.022	4	4	2.5	0.5	2.5	225230500229	114-1760
33	0.033	4	4	2.5	0.5	2.5	225230500339	114-1761
47	0.047	4	4	2.5	0.5	2.5	225230500479	114-1762
68	0.068	4	4	2.5	0.5	2.5	225230500689	114-1763
100	0.1	4	4	2.5	0.5	2.5	225230500101	114-1765
150	0.15	4	4	2.5	0.5	2.5	225230500151	114-1766
220	0.							