

Multilayer Ceramic - continued

MR05/MR06 Series - continued

100 Volt d. c. NPO		Tolerance	Dimensions			Mfrs. List No.	Order Code
pF	nF	(%)	H	W	D		
2200	2.2	5	7.36	7.36	2.28	MR061A222JTR	121-6484
4700	4.7	5	7.36	7.36	2.28	MR061A472JTR	121-6485
10000	10	5	7.36	7.36	2.28	MR061A103JTR	121-6486
10000	10	10	7.36	7.36	2.28	MR061A103KTR	121-6487

100 Volt d. c. NPO		Price Each				
pF	Order Code	1+	50+	100+	500+	+
2200	121-6484	150.00	141.00	133.00	123.00	--
4700	121-6485	150.00	141.00	133.00	123.00	--
10000	121-6486	206.00	194.00	182.00	169.00	--
10000	121-6487	196.00	184.00	173.00	160.00	--

100 Volt d. c. X7R		Tolerance	Dimensions			Mfrs. List No.	Order Code
pF	nF	(%)	H	W	D		
3300	3.3	10	4.83	4.83	2.28	MR051C332KTR	121-6489
4700	4.7	10	4.83	4.83	2.28	MR051C472KTR	121-6490
10000	10	20	4.83	4.83	2.28	MR051C103MTR	121-6492
10000	10	10	4.83	4.83	2.28	MR051C103KTR	121-6493
22000	22	10	4.83	4.83	2.28	MR051C223KTR	121-6494

100 Volt d. c. X7R		Price Each				
pF	Order Code	1+	50+	100+	500+	+
3300	121-6489	80.00	76.00	71.00	66.00	--
4700	121-6490	80.00	76.00	71.00	66.00	--
10000	121-6492	76.00	72.00	68.00	62.00	--
10000	121-6493	80.00	76.00	71.00	66.00	--
22000	121-6494	44.00	41.00	39.00	36.00	--

50 Volt d. c. X7R		Tolerance	Dimensions			Mfrs. List No.	Order Code
pF	nF	(%)	H	W	D		
33000	33	10	4.83	4.83	2.28	MR055C333KTR	121-6495

50 Volt d. c. X7R		Price Each				
pF	Order Code	1+	50+	100+	500+	+
33000	121-6495	42.00	39.00	37.00	34.00	--

100 Volt d. c. X7R		Tolerance	Dimensions			Mfrs. List No.	Order Code
pF	nF	(%)	H	W	D		
33000	33	10	7.36	7.36	2.28	MR061C333KTR	121-6497
47000	47	10	7.36	7.36	2.28	MR061C473KTR	121-6498
100000	100	10	7.36	7.36	2.28	MR061C104KTR	121-6499
100000	100	20	7.36	7.36	2.28	MR061C104MTR	121-6500

100 Volt d. c. X7R		Price Each				
pF	Order Code	1+	50+	100+	500+	+
33000	121-6497	87.00	82.00	77.00	72.00	--
47000	121-6498	87.00	82.00	77.00	72.00	--
100000	121-6499	111.00	104.00	98.00	91.00	--
100000	121-6500	105.00	99.00	93.00	86.00	--

50 Volt d. c. X7R		Tolerance	Dimensions			Mfrs. List No.	Order Code
pF	nF	(%)	H	W	D		
100000	100	10	4.83	4.83	2.28	MR055C104KTR	121-6506
220000	220	10	7.36	7.36	2.28	MR065C224KTR	121-6501
330000	330	10	7.36	7.36	2.28	MR065C334KTR	121-6502
470000	470	10	7.36	7.36	2.28	MR065C474KTR	121-6503
1000000	1000	10	7.36	7.36	2.28	MR065C105KTR	121-6504

50 Volt d. c. X7R		Price Each				
pF	Order Code	1+	50+	100+	500+	+
100000	121-6506	80.00	76.00	71.00	66.00	--
220000	121-6501	139.00	131.00	123.00	114.00	--
330000	121-6502	139.00	131.00	123.00	114.00	--
470000	121-6503	174.00	164.00	154.00	143.00	--
1000000	121-6504	502.00	472.00	444.00	412.00	--

CK05/CK06 Series



- Moulded radial multilayer ceramic capacitors
- Manufactured in accordance with MIL-C-11015

Lead pitch=5.08, Lead dia.=0.64

Operating Temperature	55/125/56
Power factor @ 1MHz	-55°C to +125°C
Temperature coefficient	≥0.025
Insulation resistance	±15%
Proof voltage	100,000MΩ or 1000 sec. (MΩ x μF)
Climatic category	whichever is less
	2.5VR
	55/125/56

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

200 Volt d. c. BX		Dimensions			Mfrs. List No.	Order Code
pF	nF	H	W	D		
100	0.1	4.83	4.83	2.29	CK05BX101K	286-930
220	0.22	4.83	4.83	2.29	CK05BX221K	286-941
470	0.47	4.83	4.83	2.29	CK05BX471K	286-953
1000	1	4.83	4.83	2.29	CK05BX102K	286-965

Order Multiple=5		Price Each				
200 Volt d. c. BX		5+	50+	100+	500+	+
pF	Order Code					
100	286-930	12.00	11.00	10.00	10.00	--
220	286-941	12.00	11.00	10.00	10.00	--
470	286-953	12.00	11.00	10.00	10.00	--
1000	286-965	12.00	11.00	10.00	10.00	--

100 Volt d. c. BX		Dimensions			Mfrs. List No.	Order Code
μF	nF	H	W	D		
0.0022	2.2	4.83	4.83	2.29	CK05BX222K	286-989
0.0047	4.7	4.83	4.83	2.29	CK05BX472K	286-990
0.01	10	4.83	4.83	2.29	CK05BX103K	287-003
0.022	22	7.37	7.37	2.29	CK06BX223K	287-015
0.047	47	7.37	7.37	2.29	CK06BX473K	287-027
0.1	100	7.37	7.37	2.29	CK06BX104K	287-039

Order Multiple=5		Price Each				
100 Volt d. c. BX		5+	50+	100+	500+	+
μF	Order Code					
0.0022	286-989	12.00	11.00	10.00	10.00	--
0.0047	286-990	12.00	11.00	10.00	10.00	--
0.01	287-003	12.00	11.00	10.00	10.00	--
0.022	287-015	15.00	14.00	13.00	12.00	--
0.047	287-027	16.00	14.00	14.00	13.00	--
0.1	287-039	16.00	15.00	14.00	14.00	--

50 Volt d. c. BX		Dimensions			Mfrs. List No.	Order Code
μF	nF	H	W	D		
0.22	220	7.37	7.37	2.29	CK06BX224K	287-040
0.47	470	7.37	7.37	2.29	CK06BX474K	287-052
1	1000	7.37	7.37	2.29	CK06BX105K	287-064

50 Volt d. c. BX		Price Each				
μF	Order Code	5+	50+	100+	500+	+
0.22	287-040	36.00	34.00	32.00	30.00	--
0.47	287-052	50.00	47.00	44.00	41.00	--
1	287-064	84.00	79.00	74.00	68.00	--

SA - 'Spinguard' Series



Lead length=20 min.
Lead dia.=0.508

Bandoliered box quantities=4K pcs (108-996, 108-996=2K pcs)

- 'Spinguard' axial dipped multilayer ceramic capacitors
- Choice of dielectric, tolerance and voltage

Performance Characteristics

	NPO	X7R	Z5U
Operating Temperature	-55°C to +125°C	-55°C to +125°C	10°C to +85°C
Temperature coefficient	0±30ppm/°C for C>20pF 0+120-40ppm/°C for C≤20pF	±20%	+30%-80%
Insulation resistance	100000MΩ or 1000 sec. (MΩ uF) whichever is less	100000MΩ or 1000 sec. (MΩ uF) whichever is less	>100000MΩ or 1000 sec. (MΩ uF) whichever is less
Proof voltage	2.5VR	2.5VR	2VR
Climatic category (IEC)	55/125/56	55/125/56	25/085/56

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

		Dimensions		Mfrs. List No.	Order Code
pF	nF	L	Dia.		
1000	1	4.3	2.54	SA105A102JARTB	110-0434

50 Volt d. c. NPO		Price Each				
pF	Order Code	10+	50+	100+	500+	+
1000	110-0434	12.00	10.00	9.00	8.00	--

		Dimensions		Mfrs. List No.	Order Code
pF	nF	L	Dia.		
470	0.47	4.32	2.54	SA101A471JARTB	110-0411

100 Volt d. c. NPO		Price Each				
pF	Order Code	10+	50+	100+	500+	+
470	110-0411	11.00	9.00	8.00	7.00	--

		Dimensions		Mfrs. List No.	Order Code
pF	nF	L	Dia.		
10	0.01	4.32	2.54	SA102A100JARTB	110-0409
100	0.1	4.32	2.54	SA102A101JARTB	110-0410

200 Volt d. c. NPO		Price Each				
pF	Order Code	10+	50+	100+	500+	+
10	110-0409	10.00	9.00	8.00	7.00	--
100	110-0410	10.00	9.00	8.00	7.00	--

		Dimensions		Mfrs. List No.	Order Code
μF	nF	L	Dia.		
0.01	10	4.32	2.54	SA105C103KARTB	110-0414
0.1	100	4.32	3.05	SA115C104KARTB	110-0435

50 Volt d. c. X7R		Price Each				
μF	Order Code	10+	50+	100+	500+	+
0.01	110-0414	9.00	8.00	7.00	6.00	--
0.1	110-0435	11.00	10.00	9.00	8.00	--

Prices are in Thai Baht and exclude 7% VAT. Due to the volatile nature of certain products, prices are subject to change without notice.