

50 Volt d.c.		Price Each				
µF	Order Code	1+	50+	100+	500+	+
1	812-6933	12.00	10.00	9.00	8.00	--
2.2	812-6950	12.00	10.00	9.00	8.00	--
4.7	812-6976	14.00	12.00	10.00	9.00	--
10	812-6941	14.00	12.00	10.00	9.00	--
22	812-6968	20.00	18.00	16.00	15.00	--

MCMHR Series 7mm - 105°C



- Ultra miniature radial electrolytic capacitors
- 7mm profile for high density applications



Operating temperature Tolerance @ 120Hz 20°C: -40°C to +105°C ±20%
 DC leakage current: 0.01CV or 3µA whichever is greater

µF	Ripple (mA) @ 120Hz 105°C	Dimensions H Dia.	Lead Dia.	Lead Pitch	Mfrs. List No.	Order Code
6.3 Volt d.c.						
22	34	7 4	0.45	1.5	MR6V3226M4X7.	301-7497
33	42	7 5	0.45	2	MR6V3336M5X7.	301-7503
47	50	7 5	0.45	2	MR6V3476M5X7.	301-7515
47	50	7 5	0.45	2	MCMR6V3476M5X7	945-2559
100	77	7 6.3	0.45	2.5	MR6V3107M6.3X7.	301-7527
100	77	7 6.3	0.45	2.5	MCMR6V3107M6.3X7	945-2567
220	130	7 8	0.5	3.5	MR6V3227M8X7.	301-7539
220	130	7 8	0.5	3.5	MCMR6V3227M8X7	945-2575
330	170	7 8	0.5	3.5	MHR6V3337M8X7.	301-7540
330	170	7 8	0.5	3.5	MCMHR6V3337M8X7	945-2583
16 Volt d.c.						
10	29	7 4	0.45	1.5	MHR16V106M4X7.	301-7552
10	29	7 4	0.45	1.5	MCMHR16V106M4X7	945-2591
22	44	7 5	0.45	2	MHR16V226M5X7.	301-7564
22	44	7 5	0.45	2	MCMHR16V226M5X7	945-2613
33	57	7 6.3	0.45	2.5	MHR16V336M6.3X7.	301-7576
33	57	7 6.3	0.45	2.5	MCMHR16V336M6.3X7	945-2621
47	68	7 6.3	0.45	2.5	MHR16V476M6.3X7.	301-7588
47	68	7 6.3	0.45	2.5	MCMHR16V476M6.3X7	945-2630
100	107	7 6.3	0.45	2.5	MHR16V107M6.3X7.	301-7590
100	107	7 6.3	0.45	2.5	MCMHR16V107M6.3X7	945-2648
35 Volt d.c.						
10	36	7 5	0.45	2	MHR35V106M5X7.	301-7618
10	36	7 5	0.45	2	MCMHR35V106M5X7	945-2656
22	57	7 6.3	0.45	2.5	MHR35V226M6.3X7.	301-7620
22	57	7 6.3	0.45	2.5	MCMHR35V226M6.3X7	945-2664
33	72	7 6.3	0.45	2.5	MHR35V336M6.3X7.	301-7631
33	72	7 6.3	0.45	2.5	MCMHR35V336M6.3X7	945-2672
47	81	7 8	0.5	3.5	MHR35V476M8X7.	301-7643
47	81	7 8	0.5	3.5	MCMHR35V476M8X7	945-2680
50 Volt d.c.						
0.33	3.5	7 4	0.45	1.5	MHR50V334M4X7.	301-7655
3.3	24	7 4	0.45	1.5	MHR50V335M4X7.	301-7667
3.3	24	7 4	0.45	1.5	MCMHR50V335M4X7	945-2699
10	44	7 6.3	0.45	2.5	MHR50V106M6.3X7.	301-7679
10	44	7 6.3	0.45	2.5	MCMHR50V106M6.3X7	945-2702
22	65	7 6.3	0.45	2.5	MHR50V226M6.3X7.	301-7680
22	65	7 6.3	0.45	2.5	MCMHR50V226M6.3X7	945-2710
63 Volt d.c.						
0.1	2	7 4	0.45	1.5	MHR63V104M4X7.	301-7692
0.1	2	7 4	0.45	1.5	MCMHR63V104M4X7	945-2729
0.33	5.8	7 4	0.45	1.5	MHR63V334M4X7.	301-7709
1	13	7 4	0.45	1.5	MHR63V105M4X7.	301-7710
1	13	7 4	0.45	1.5	MCMHR63V105M4X7	945-2737
4.7	32.4	7 5	0.45	2	MHR63V475M5X7.	301-7722
4.7	32.4	7 5	0.45	2	MCMHR63V475M5X7	945-2745

Order Multiple=5		Price Each				
µF	Order Code	5+	25+	100+	500+	+
35 Volt d.c.						
33	301-7631	9.00	8.00	7.00	5.00	--
33	945-2672	9.00	8.00	7.00	5.00	--
47	301-7643	19.00	16.00	14.00	10.00	--
47	945-2680	19.00	16.00	14.00	10.00	--
50 Volt d.c.						
0.33	301-7655	7.00	6.00	5.00	4.00	--
3.3	301-7667	7.00	6.00	5.00	4.00	--
3.3	945-2699	7.00	6.00	5.00	4.00	--
10	301-7679	10.00	8.00	8.00	6.00	--
10	945-2702	10.00	8.00	8.00	6.00	--
22	301-7680	10.00	8.00	8.00	6.00	--
22	945-2710	10.00	8.00	8.00	6.00	--
63 Volt d.c.						
0.1	301-7692	7.00	6.00	5.00	4.00	--
0.1	945-2729	7.00	6.00	5.00	4.00	--
0.33	301-7709	7.00	6.00	5.00	4.00	--
1	301-7710	7.00	6.00	5.00	4.00	--
1	945-2737	7.00	6.00	5.00	4.00	--
4.7	301-7722	8.00	7.00	6.00	4.00	--
4.7	945-2745	8.00	7.00	6.00	4.00	--

KXW Series - 105°C (Miniature Aluminum Electrolytic)



- Body diameter of 10mm to 18mm with high ripple current capability
- Wide range of rated voltages up to 450 Volts
- Ultra high ripple current in a miniature Package
- Specifically designed for Switch Mode applications
- One case size smaller than standard Switch Mode Capacitors

Tolerance	±20%	Operating temperature	-25°C to +105°C
Leakage current (max)	0.01 CV or 3µA whichever is greater	Load life	2000 hrs
200 Volt d.c.			
µF	Ripple (mA)	Dimensions (mm) H Dia. Pitch	Mfrs. List No. Order Code
220	0.80	30 14.5 7.5	200KXW220MLST14.5X30 812-6348
330	1.01	30 18 7.5	200KXW330MLST18X30 812-6356
470	1.27	40 18 7.5	200KXW470MLST18X40 812-6364
560	1.39	45 18 7.5	200KXW560MLST18X45 812-6372

200 Volt d.c.		Price Each				
µF	Order Code	1+	50+	100+	500+	+
220	812-6348	186.00	163.00	140.00	130.00	--
330	812-6356	280.00	245.00	211.00	196.00	--
470	812-6364	370.00	324.00	280.00	260.00	--
560	812-6372	419.00	375.00	325.00	300.00	--

400 Volt d.c.		Price Each				
µF	Order Code	1+	50+	100+	500+	+
47	812-6860	179.00	157.00	135.00	126.00	--
82	812-6879	249.00	218.00	189.00	174.00	--
100	812-6844	334.00	293.00	253.00	234.00	--
220	812-6852	700.00	612.00	530.00	490.00	--

400 Volt d.c.		Price Each				
µF	Order Code	1+	50+	100+	500+	+
47	812-6860	179.00	157.00	135.00	126.00	--
82	812-6879	249.00	218.00	189.00	174.00	--
100	812-6844	334.00	293.00	253.00	234.00	--
220	812-6852	700.00	612.00	530.00	490.00	--

ECR Series - General Purpose



- General purpose radial leaded electrolytic
- Supplied loose with straight leads

Operating temp. Tolerance: -40°C to +85°C ±20%
 DC leakage current: I = 0.01CV + 3 (µA) max
 Ripple current measured at 120Hz @ 85°C

16 Volt d.c.	Ripple (mA)	Dimensions H Dia.	Lead Dia.	Lead Pitch	Order Code
µF					
10	39	11 5	0.5	2	920-393
10	39	11 5	0.5	2	945-1056
22	50	11 5	0.5	2	920-400
22	50	11 5	0.5	2	945-1064
33	58	11 5	0.5	2	920-411

Order Multiple=5		Price Each				
µF	Order Code	5+	25+	100+	500+	+
6.3 Volt d.c.						
22	301-7497	7.00	6.00	5.00	4.00	--
33	301-7503	8.00	7.00	6.00	4.00	--
47	301-7515	8.00	7.00	6.00	4.00	--
47	945-2559	8.00	7.00	6.00	4.00	--
100	301-7527	9.00	8.00	7.00	5.00	--
100	945-2567	9.00	8.00	7.00	5.00	--
220	301-7539	19.00	16.00	14.00	10.00	--
220	945-2575	19.00	16.00	14.00	10.00	--
330	301-7540	19.00	16.00	14.00	10.00	--
330	945-2583	19.00	16.00	14.00	10.00	--
16 Volt d.c.						
10	301-7552	7.00	6.00	5.00	3.00	--
10	945-2591	7.00	6.00	5.00	3.00	--
22	301-7564	8.00	7.00	6.00	4.00	--
22	945-2613	8.00	7.00	6.00	4.00	--
33	301-7576	9.00	8.00	7.00	5.00	--
33	945-2621	9.00	8.00	7.00	5.00	--
47	301-7588	9.00	8.00	7.00	5.00	--
47	945-2630	9.00	8.00	7.00	5.00	--
100	301-7590	9.00	8.00	7.00	5.00	--
100	945-2648	9.00	8.00	7.00	5.00	--
35 Volt d.c.						
10	301-7618	8.00	7.00	6.00	4.00	--
10	945-2656	8.00	7.00	6.00	4.00	--
22	301-7620	9.00	8.00	7.00	5.00	--
22	945-2664	9.00	8.00	7.00	5.00	--

Capacitors

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Compliant Non-compliant
 RoHS Limited stock - RoHS replacement available