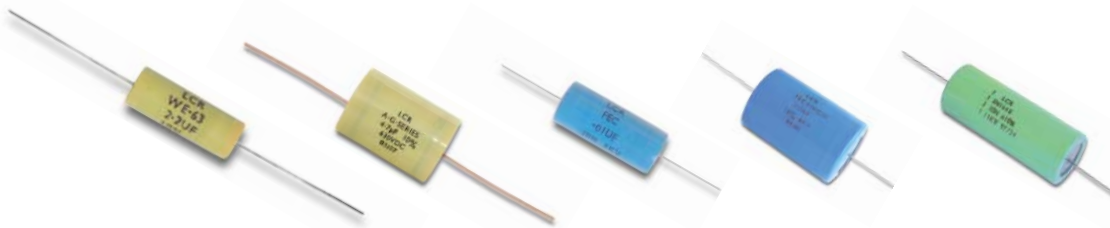


PRECISION CAPACITORS



LCR TYPE	FPC	FSC	FSC/EX	FPC/EX	MKC/R	MKC/PC
RATED DC VOLTAGE AC	160 - 630 VDC	30 - 630 VDC	63 - 630 VDC	63 - 630 VDC	63 - 400 VDC	63 - 400 VDC
CAPACITANCE RANGE	1 - 150 nF	25 pF - 200 nF	47 pF - 100 nF	47 pF - 100 nF	0.01 - 22 μ F	0.01 - 22 μ F
CAPACITANCE TOLERANCE $\pm\%$	1%, 2.5%, 5%, 10%, 20%	1%, 2.5%, 5%, 10%, 20%	1%, 2.5%, 5%, 10%, 20%	1%, 2.5%, 5%, 10%, 20%	0.5%, 1%, 2%, 5%	0.5%, 1%, 2%, 5%
TERMINATION	AXIAL LEADS	AXIAL LEADS	AXIAL LEADS	AXIAL LEADS	10.2 - 27.9mm	AXIAL LEADS
CLIMATIC CATEGORY	40-085-21	40-085-56	40-070-56	40-085-56	55-085-56	40-100-21
PULSE RISE TIME dV/dT	>100V/ μ s	>1000V/ μ s	>1000V/ μ s	>1000V/ μ s	10 - 50V/ μ s	10 - 50V/ μ s
HOUSING	POLYPROPYLENE	POLYSTYRENE	POLYSTYRENE	POLYPROPYLENE	POLYCARBONATE	POLYCARBONATE

PRECISION/AUDIO CAPACITORS (+ HV)

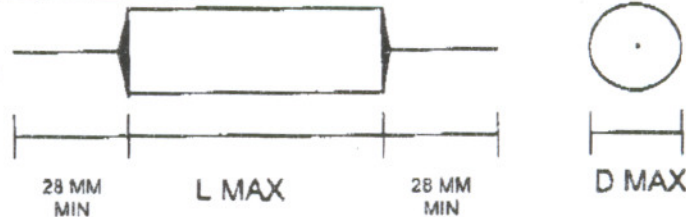


LCR TYPE	MKC/WE	AG SERIES	FEC	FEC/HV	FMC/T
RATED DC VOLTAGE AC	30 - 400 VDC	160 - 630 VDC	160 - 4 KVDC	4.1 - 40 KVDC	7.5 - 30 KVDC
CAPACITANCE RANGE	0.1 - 22 μ F	1 - 250 μ F	1 nF - 100 nF	1 nF - 100 nF	1 nF - 10 nF
CAPACITANCE TOLERANCE $\pm\%$	0.5%, 1%, 2%, 5%	1%, 2.5%, 5%, 10%, 20%	5%, 10%, 20%	5%, 10%, 20%	10%
TERMINATION	AXIAL LEADS	AXIAL LEADS	AXIAL LEADS	AXIAL LEADS	AXIAL LEADS
CLIMATIC CATEGORY	40-085-21	40-085-21	40-100-21	40-85-21	25°C/75°C
PULSE RISE TIME dV/dT	10 - 50V/ μ s	10 - 50V/ μ s	1000 - 2000V/ μ s	1000 - 2000V/ μ s	10,000V/ μ s
DIELECTRIC	POLYCARBONATE	POLYPROPYLENE	POLYESTER	POLYESTER	MIXED DIELECTRIC

LCR CAPACITORS

LOW LOSS
POLYSTYRENE
CAPACITORS
TYPE : FSC / EX

LEADS - HEAVILY TINNED
COPPER WIRE- 0.6 MM



N.B. support must be given at the ends of the resin before preforming

CAPACITANCE	L = mm	D = mm	WORKING VOLTAGE	
				@ 50Hz
47p - 200p	12.5	5.00	630V DC	250V AC
201p - 360p	12.9	5.00	630V DC	250V AC
361p - 560p	12.9	4.50	630V DC	250V AC
561p - 680p	12.9	5.00	630V DC	250V AC
681p - 750p	12.9	5.00	630V DC	250V AC
751p - 820p	12.9	4.50	250V DC	125V AC
821p - 910p	12.9	4.50	250V DC	125V AC
911p - 1 n	12.9	4.50	250V DC	125V AC
1n1 - 1n6	12.5	5.00	160V DC	80V AC
1n61 - 2n7	12.5	4.75	160V DC	80V AC
2n71 - 3n9	12.9	5.00	160V DC	80V AC
3n91 - 6n2	17.0	5.00	160V DC	80V AC
6n21 - 7n5	17.0	5.50	160V DC	80V AC
7n51 - 8n2	17.0	6.00	160V DC	80V AC
8n21 - 10n	17.0	5.00	160V DC	80V AC
10n1 - 15n	17.0	5.50	63V DC	40V AC
15n1 - 18n	17.0	6.00	63V DC	40V AC
18n1 - 24n	17.0	6.50	63V DC	40V AC
24n1 - 30n	17.0	7.00	63V DC	40V AC
30n1 - 36n	17.0	7.50	63V DC	40V AC
36n1 - 39n	17.0	8.00	63V DC	40V AC
39n1 - 51n	17.0	10.00	63V DC	40V AC
51n1 - 68n	22.0	8.50	63V DC	40V AC
68n1 - 82n	22.0	9.50	63V DC	40V AC
82n1 - 100n	22.0	10.00	63V DC	40V AC

CAPACITANCE RANGE	47 pf - 100 nf
CAPACITANCE TOLERANCE	± 1%, ±2%, ±5%, ±10% (MIN 1.5 pf)
WORKING VOLTAGE	SEE TABLE
TEST VOLTAGE	2 X WORKING VOLTAGE
POWER FACTOR	≤0.0005 @ 1KHz ALL VALUES ≤0.0007 @ 100KHz ALL VALUES ≤0.0010 @ 1MKHz 47pf - 1nf
INSULATION RESISTANCE	>10 ⁵ MegOhm
TEMPERATURE RANGE	-40°c / +85°c
TEMPERATURE COEFFICIENT	-110 + 80ppm/c

**ROHS
COMPLIANT**

ISSUE 5
JULY 2001

Design may be changed without prior notification, in line with company policy of continuous improvement

LCR CAPACITORS

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