Lucas Aerospace

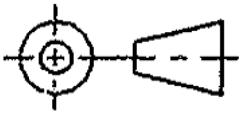
COMMON PART DRAWING

CAPACITOR,
METALLIZED POLYCARBONATE

DRG. 93254728-749 incl NO.

Sheet 1 of 3

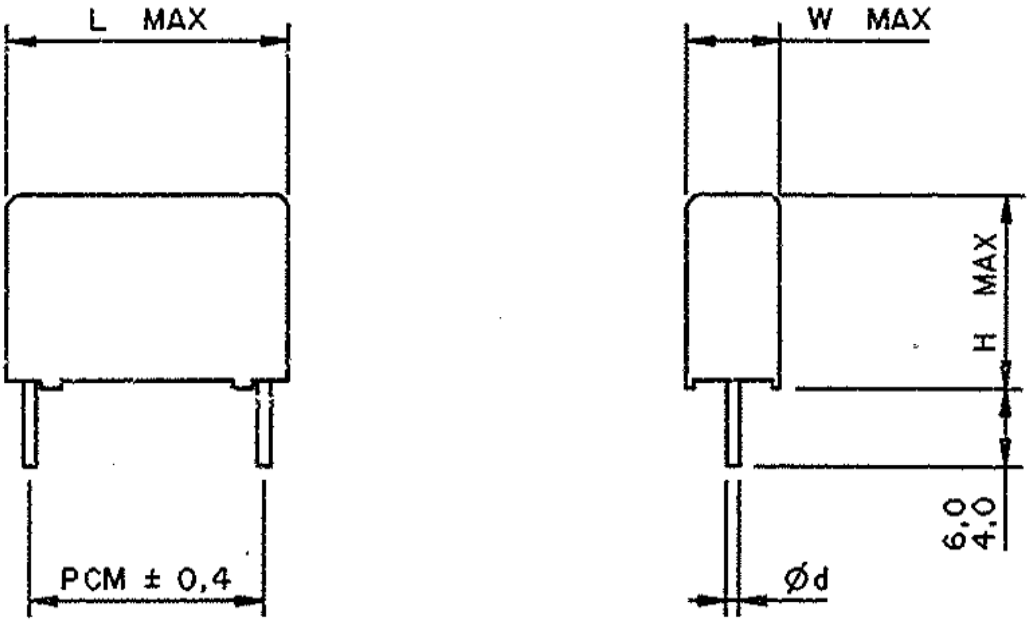
THIRD ANGLE PROJECTION



Dimensions in mm.

TYPE WIMA MKC 4
APPROVED TO
CECC 30 501-005
250V d.c. RANGE

OUTLINE



TYPICAL CONSTRUCTION

Rectangular.
Non-Metallic Case.
Insulated.
Radial Connections.
Intended for use with Printed Circuit Boards.

RATINGS & CHARACTERISTICS

Structural Shape	:	for High Specifications.
Capacitance Tolerance	:	± 5%, ± 10%.
Rated Voltage	:	250V d.c. (160V a.c.).
Loss Factor Tan δ	:	(see Table 4 of CECC 30 500).
Insulation Resistance	:	(see Table 5 of CECC 30 500).
Rated Temperature	:	+85°C.
Climatic Category	:	55/100/56.

MATERIAL		8.0.				TREATMENT	---
MATL.SPEC.		---				FINISH	---
ISSUE No.	1					MASS (WT)	---
CHANGE No.						SCALE	N.T.S.
DATE						DRAWN	A.D.KING

Dimensions in mm.

Power Factors Tan δ at +20°C.

	C ≤ 1μF	C < 1μF
at 1 kHz	≤ 0.003	≤ 0.005
at 10 kHz	≤ 0.008	≤ 0.01

ORDERING DETAILS :-

a) Type Number & Specification.
b) Rated Capacity.
c) Tolerance on Rated Capacity.
d) Rated Voltage.
e) Lead Spacing (PCM=Printed Circuit Module).

Example MKC 4 capacitor CECC 30 501-005 0.47 5 250 PCM-22.5.

MANUFACTURERS / SUPPLIERS

As in PD.9002.

Lucas Aerospace	COMMON PART DRAWING CAPACITOR, METALLIZED POLYCARBONATE	DRG. 93254728-749 incl NO. Sheet 3 of 3

Dimensions in mm.

RANGE FOR CAPACITANCE TOL. ± 5%

LUCAS PART NO.	CAPACITANCE µF	DIMENSIONS					NATO NO.
		W	H	L	PCM	d	
93254728	0.033	4	9.5	13	10	0.7	
93254729	0.047	4	9.5	13	10	0.7	
93254730	0.068	5	11	13	10	0.7	
93254731	0.1	5	11	13	10	0.7	
93254732	0.1	5	11	18	15	0.8	
93254733	0.15	5	11	18	15	0.8	
93254734	0.22	6	12.5	18	15	0.8	
93254735	0.33	7	14	18	15	0.8	
93254736	0.47	7	16.5	26.5	22.5	0.8	
93254737	0.68	7	16.5	26.5	22.5	0.8	
93254738	1	8.5	18.5	26.5	22.5	0.8	

RANGE FOR CAPACITANCE TOL. ± 10%

LUCAS PART NO.	CAPACITANCE µF	DIMENSIONS					NATO NO.
		W	H	L	PCM	d	
93254739	0.033	4	9.5	13	10	0.7	
93254740	0.047	4	9.5	13	10	0.7	
93254741	0.068	5	11	13	10	0.7	
93254742	0.1	5	11	13	10	0.7	
93254743	0.1	5	11	18	15	0.8	
93254744	0.15	5	11	18	15	0.8	
93254745	0.22	6	12.5	18	15	0.8	
93254746	0.33	7	14	18	15	0.8	
93254747	0.47	7	16.5	26.5	22.5	0.8	
93254748	0.68	7	16.5	26.5	22.5	0.8	
93254749	1	8.5	18.5	26.5	22.5	0.8	

ISSUE No.	1								