Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

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PUM

Aluminum Electrolytic Capacitors

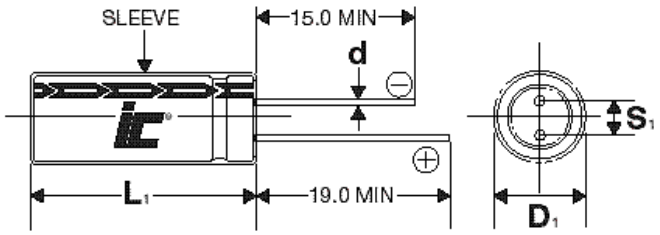
+85°C 7mm Height, Low Profile, Radial Lead

FEATURES	Small Size – Low Heights – Lead Free Leads
APPLICATIONS	Bypass – Coupling – Filtering – Blocking

Operating Temperature Range		**-40°C to +85°C**						
Capacitance Tolerance		**±20% at 120 Hz, 20°C**						
Surge voltage	**WVDC**	**6.3**	**10**	**16**	**25**	**35**	**50**	
	SVDC	7.9	13	20	32	44	63	
Dissipation Factor	**WVDC**	**6.3**	**10**	**16**	**25**	**35**	**50**	
	tan δ	.22	.2	.16	.14	.12	.1	
Leakage current		**2 Minutes**						
		.01CV or 3uA,Whichever is greater						
Low temperature stability Impedance ratio (120 Hz)	**Rated WVDC**	**6.3**	**10**	**16**	**25**	**35**	**50**	
	-25°C to +20°C	4	3	2	2	2	2	
	-40°C to +20°C	8	6	4	4	3	3	

Load Life	**1000 hours at 85°C with rated WVDC and ripple current applied**	
	Capacitance change	≤25% of initial measured value
	Dissipation factor	≤200% of maximum specified value
	Leakage current	≤100% of maximum specified value
Shelf Life	**1000 hours at 85°C with no voltage applied**	
	Capacitance change	≤25% of initial measured value
	Dissipation factor	≤200% of maximum specified value
	Leakage current	≤100% of maximum specified value

Ripple Current Multipliers	**Frequency (Hz)**					
	Capacitance (uF)	**50**	**120**	**400**	**1k**	**10k**
	0.1~68	0.8	1.0	1	1.3	1.5
	100~470	0.8	1.0	1	1.15	1.2



D	4	5	6.3	8
S	1.5	2	2.5	3.5
D	.45	.45	.45	.5

D_1=D+0.5mm
L_1=L+1mm
S_1=S±0.5mm

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PUM

+85°C, 7mm Height, General Purpose, 1000 hours

Capacitance (µF)	WVDC	IC PART NUMBER	Maximum ESR (Ω) 120 Hz, +20°C	Maximum RMS Ripple Current (mA) 120 Hz, +85°C	Dims DxL (mm)
4.7	50	475PUM050M	35.274	26	4x7
6.8	35	685PUM035M	29.256	24	4x7
6.8	50	685PUM050M	24.38	27	5x7
10	35	106PUM035M	19.894	31	4x7
10	50	106PUM050M	16.579	34	5x7
15	35	156PUM035M	13.263	39	5x7
15	50	156PUM050M	11.052	43	6.3x7
22	16	226PUM016M	12.057	40	4x7
22	35	226PUM035M	9.043	55	5x7
22	50	226PUM050M	7.536	58	6.3x7
22	50	226PUM050MD8	7.536	85	8x7
33	10	336PUM010M	10.048	43	4x7
33	25	336PUM025M	7.033	52	5x7
33	35	336PUM035M	6.029	65	6.3x7

Capacitance (µF)	WVDC	IC PART NUMBER	Maximum ESR (Ω) 120 Hz, +20°C	Maximum RMS Ripple Current (mA) 120 Hz, +85°C	Dims DxL (mm)
33	50	336PUM050M	5.024	80	8x7
47	6.3	476PUM6R3M	7.76	44	4x7
47	16	476PUM016M	5.644	65	5x7
47	25	476PUM025M	4.938	70	6.3x7
47	35	476PUM035M	4.233	90	8x7
68	6.3	686PUM6R3M	5.364	58	5x7
68	16	686PUM016M	3.901	95	6.3x7
100	6.3	107PUM6R3M	3.6473	75	5x7
100	16	107PUM016M	2.653	95	6.3x7
100	25	107PUM025M	2.321	115	8x7
150	6.3	157PUM6R3M	2.4315	90	6.3x7
220	6.3	227PUM6R3M	1.6579	120	6.3x7
220	16	227PUM016M	1.206	160	8x7
330	6.3	337PUM6R3M	1.105	160	8x7

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