PUM

Aluminum Electrolytic Capacitors

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

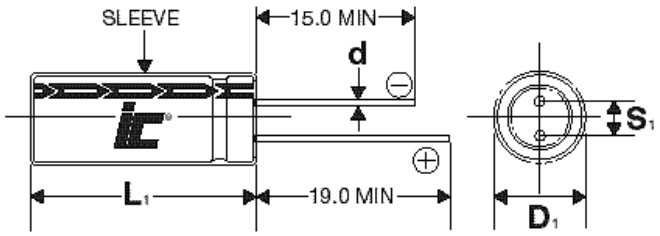
FEATURES	Small Size – Low Heights – Lead Free Leads
APPLICATIONS	Bypass – Coupling – Filtering – Blocking

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 (µF)	**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

Special Order Options



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

WVDC	Capacitance (µF)	IC PART NUMBER	Maximum ESR (Ω) 120 Hz, +20°C	Maximum RMS Ripple Current (mA) 120 Hz, +85°C	Dims DxL (mm)
6.3	47	476PUM6R3M	7.76	44	4x7
6.3	68	686PUM6R3M	5.364	58	5x7
6.3	100	107PUM6R3M	3.6473	75	5x7
6.3	150	157PUM6R3M	2.4315	90	6.3x7
6.3	220	227PUM6R3M	1.6579	120	6.3x7
6.3	330	337PUM6R3M	1.105	160	8x7
10	33	336PUM010M	10.048	43	4x7
16	22	226PUM016M	12.057	40	4x7
16	47	476PUM016M	5.644	65	5x7
16	68	686PUM016M	3.901	95	6.3x7
16	100	107PUM016M	2.653	95	6.3x7
16	220	227PUM016M	1.206	160	8x7
25	33	336PUM025M	7.033	52	5x7
25	47	476PUM025M	4.938	70	6.3x7

WVDC	Capacitance (µF)	IC PART NUMBER	Maximum ESR (Ω) 120 Hz, +20°C	Maximum RMS Ripple Current (mA) 120 Hz, +85°C	Dims DxL (mm)
25	100	107PUM025M	2.321	115	8x7
35	6.8	685PUM035M	29.256	24	4x7
35	10	106PUM035M	19.894	31	4x7
35	15	156PUM035M	13.263	39	5x7
35	22	226PUM035M	9.043	55	5x7
35	33	336PUM035M	6.029	65	6.3x7
35	47	476PUM035M	4.233	90	8x7
50	4.7	475PUM050M	35.274	26	4x7
50	6.8	685PUM050M	24.38	27	5x7
50	10	106PUM050M	16.579	34	5x7
50	15	156PUM050M	11.052	43	6.3x7
50	22	226PUM050M	7.536	58	6.3x7
50	22	226PUM050MD8	7.536	85	8x7
50	33	336PUM050M	5.024	80	8x7

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