



Aluminium Electrolytic Capacitor

Product family	SMD	FROLYT GmbH	ERS, ERSH, ERSM, ERSY	
Date	2005-08-09			
Version	02			

Composition part	Material group	Materials	CAS if applicable	min	typical mass [wt-%]	max	Sum [%]	Traces
Active Part	Metals	Al (foil)	7429-90-5	19,7	21,8	25,2	39,0	
	Liquids	Ethylene Glycol Gamma Butyrolacton	25322-68-3 96-48-0	11,2	13,2	15,4		
	Other Materials	Paper		3,3	4,0	5,1		
Encapsulation (Cover Disk)	Metals	Al (case)	7429-90-5	23,3	24,8	26,1	50,2	
	Other Materials	Rubber		17,8	21,4	24,1		
	Plastics	PET		3,8	4,0	4,2		
Termination	Metals	Fe (Sn coated) wires	7439-89-6	1,0	1,3	1,5	10,8	
	Plastics	PPS		8,5	9,5	10,2		
Sum in total:							100	

Case sizes and weight range	Diameter x L [mm]	Weight [g]
	8,9 x 10,0	0,93
	8,9 x 12,0	1,1
	10,2 x 10,0	1,3
	10,2 x 12,0	1,5
Not part of package family		

Company	FROLYT Kondensatoren und Bauelemente GmbH	Important remarks: 1) Traces are product parts, substances etc. that are below a percentage of 0.1 % by weight. Higher limits are accepted if the substance or material is legally regulated (see note no. 2). 2) A list of the (legal) "... restrictions on substances ..." or materials is available at internet address: http://www.eicta.org/Content/Default.asp?PageID=211 . 3) Substances, materials etc. with possible harmful effects on human beings and the environment are listed. 4) There are no risks for human beings and to the environment if products are properly used as designated. This shall not apply to risks caused during procedures for disposal etc. 5) All statements herein are based on our present knowledge. If our products are used properly, there are no risks to human beings and/or the environment.
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