

Speciality Polymer Aluminium Electrolytic Capacitor

Product Family Name	SMD	Panasonic : EEFC***** / EEFFD***** / EEFUD***** / EEFUE*****
Date	03.01.2003	
Version	1.0	

Construction Element	Material group	Materials	CAS if applicable	min	typical mass [wt-%]	max	Sum [%]	Traces
Active Part	Metals	Ag (paste)	7440-22-4	10,3	13,7	17,0	25,9	
	Oxides	Manganesedioxide	131-13-9	0,2	0,2	0,3		
	Metals	Al (foil)	7429-90-5	8,9	10,3	12,1		
	Polymers	Polypyrrole		1,4	1,7	2,0		
Encapsulation	Polymers	Epoxid (brominated)		0,9	1,2	1,4	47,3	
	Polymers	Epoxy resin		34,9	44,9	52,5		
	Oxides	Sb ₂ O ₃	1309-64-4	1,0	1,2	1,6		
Termination	Metals	Fe		21,6	26,4	29,5	26,4	
		Sn (solder finish)	7440-31-5	0,2	0,4	0,5	0,4	
Sum in total:							100	

Case sizes and weight range:	D x L x H [mm]	Weight [g]
	FD 7,3 x 4,3 x 1,1	0,10
	CD 7,3 x 4,3 x 1,8	0,13
	UD 7,3 x 4,3 x 2,8	0,21
	UE 7,3 x 4,3 x 4,2	0,29
Not part of package family	-----	

Company	Panasonic	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.