

Aluminium Electrolytic Capacitor

| | | |
|----------------------------|------------|--|
| Product Family Name | SMD | Panasonic ECEV**S(A) / EEVHA / EEVHB(HP) / EEVHD / EEVFC / EEVFK / EEVTA / EEVTB / EEVTG / EEVEB / EEVMC |
| Date | 03.01.2003 | |
| Version | 01 | |

| Construction Element | Material group | Materials | CAS if applicable | min | typical mass [wt-%] | max | Sum [%] | Traces |
|-------------------------------|-----------------|---------------------------------------|-----------------------|---------|---------------------|---------|---------|--------|
| Active Part | Metals | Al (foil) | 7429-90-5 | 17,1 | 22,3 | 26,6 | 38,2 | |
| | Liquids | Ethylene Glycol Gamma Butyrolacton | 25322-68-3 96-48-0 | 9,3 | 11,0 | 14,0 | | |
| | Other Materials | Paper | | 3,1 | 4,9 | 7,8 | | |
| Encapsulation (Cover Disk) | Metals | Al (case) | 7429-90-5 | 23,2 | 30,3 | 36,3 | 47,9 | |
| | Plastics | Polyamide 6 | 25038-54-4 | 0,2 | 0,2 | 0,3 | | |
| | Other Materials | Rubber | | 13,4 | 17,4 | 20,0 | | |
| Termination | Metals | Fe (Sn+Pb coated) wires | 7439-89-6 | 1,5 | 2,6 | 4,1 | 13,9 | |
| | | (Lead) | 7439-92-1 | (0,003) | (0,008) | (0,013) | | |
| (Terminal plate) | Plastics | PPS | | 7,8 | 11,3 | 13,3 | | |
| Sum in total: | | | | | | | 100 | |

| Case sizes and weight range: | Case Size | Diameter x L [mm] | Weight [g] |
|------------------------------|-----------|-------------------|------------|
| | | 3X5,4 | 0,08 |
| | | 4X5,4 | 0,12 |
| | | 5X5,4 | 0,20 |
| | | 6,3X5,4 | 0,30 |
| | | 6,3X7,7 | 0,44 |
| | | 8X6,2 | 0,52 |
| | | 8X10,2 | 0,88 |
| | | 10X10,2 | 1,29 |
| 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. |
| | | |
| | | |
| | | |