


MATERIAL DECLARATION SHEET



Reliable Electronic Solutions

Material #	CAT16-PC5F12LF Series	
Product Line	Chip Resistor Arrays	
Date	02-May-2006	
RoHS Compliant	Yes	

No.	Construction Element	Material Group	Material Weight [g]	Materials	CAS If Applicable	Average Mass [%]
1	Ceramic	Substrate	0.01788	Al ₂ O ₃	1344-28-1	88.56
				Other		
2	Conductor	Terminal Electrode	0.00065	Ag-Pd	7440-22-4	3.22
				Other		
3	Resistive film	Resistor	0.00011	RuO ₂	12036-10-1	0.54
				Glass	65997-18-4	
				Other		
4	Overcoat	Inner	0.00020	Glass	65997-18-4	0.99
				Other		
5	Overcoat	Outer	0.00052	Resin		2.58
6	Side termination	Thick Film	0.00010	Ag-Pd	7440-22-4	0.49
				Other		
7	Ni plating	Inner	0.00045	Ni	7440-02-0	2.23
8	Sn plating	Outer	0.00028	Sn	7440-31-5	1.39
			Total Weight	0.02019		

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Important remarks:

1. Traces are product parts substances etc. that are below a percentage of 0.1% of total weight.
2. A list of the legally regulated substances or materials is available at internet address <http://www.eicta.org/content.asp?pageID=113>
3. Substances, materials etc. with possible harm to men and environment are listed.
4. There are no risks for human beings and to the environment if products are used properly as designated. This shall not apply to risks caused during procedures for disposal etc.
5. All statement herein are based on our present knowledge.