


MATERIAL DECLARATION SHEET



Material Number	PM0805 Series			
Product Line	SMD Power Inductor			
Compliance Date	2016/06/22			
RoHS Compliant	YES	MSL	1	

No.	Construction Element(subpart)	Homogeneous Material	Material weight [mg]	Homogeneous Material\ Substances	CASRN if applicable	Materials Mass %	Material Mass % of total unit wt.	Subpart mass of total wt. (%)	
1	Core	CERAMIC	5.98	Aluminum oxide	1344-28-1	94	77.486	80.783	
				Silicon dioxide	14808-60-7	3	2.473		
				Magnesium	1309-48-4	1	0.824		
		Plating	0.12		Silver	7440-22-4	0.97	0.8	1.649
					Glass	65887-18-4	0.03	0.025	
					Nickel	7440-02-0	0.5	0.412	
Gold	7440-57-5				0.5	0.412			
2	Winding Wire	Copper	0.9	Copper	7440-50-8	96	11.676	12.162	
				Polyesterimide resin	-	4	0.486		
3	EPOXY	Epoxy	0.39	Hydroxycyclohexyl-Ketone	000947-19-3	3	0.158	5.27	
				OLIGOMER Urethane/epoxy ACRYLATE	73297-27-5	52	2.74		
				Tripropylene glycol diacylate monomers.	42978-66-5	45	2.372		
4	MARKING	Ink	0.01	2-Propenic acid, polymer with 2-ethyl-2-(Hydroxymethyl)-1	53192-18-0	50	0.068	0.136	
				Titanium Dioxide	13463-67-7	40	0.054		
				Benzoic, acid, 4-(dimethylamino)-2-ethylhexyl ester	21245-01-2	10	0.014		
			Total weight	7.4					

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Important remarks: It is the responsibility of the user to verify they are accessing the latest version.