


MATERIAL DECLARATION SHEET



Material Number	SRP6540 Series			
Product Line	Shielded SMD Power Inductor			
Compliance Date	2015/10/01			
RoHS Compliant	YES	MSL	3	

No.	Construction Element(subpart)	Homogeneous Material	Material weight [g]	Homogeneous Material\ Substances	CASRN if applicable	Materials Mass %	Material Mass % of total unit wt.	Subpart mass of total wt. (%)
1	Ferrite Material	Iron Powder	0.679	Iron	7439-89-6	99.10	68.939	69.29
				Manganese	7439-96-5	0.25	0.069	
				Copper	7440-50-8	0.30	0.208	
				Trade secrets	-	0.35	0.069	
2	Winding Wire	Copper Wire	0.245	Copper	7440-50-8	95.0	23.750	25
				Polyurethane resin	9009-54-5	5.0	1.250	
3	Terminal	Copper alloy	0.033	Copper	7440-50-8	99.97	3.366	3.37
				Phosphorus	7723-14-0	0.03	0.001	
	Plating	0.002	Tin	7440-31-5	80.0	0.041	0.2	
			Nickel	7440-02-0	20.0	0.163		
4	Adhesive	Phenol formaldehyde resin	0.02	phenol formaldehyde resin	9003-35-4	100.00	2.04	2.04
5	Ink	BON MARQUE White	0.001	Cyclic isoprene modified phenolic resin	68441-13-4	15.2	0.010	0.1
				Phenolic modified resin	-	15.2	0.010	
				Titanium dioxide	1317-70-0	63.6	0.043	
				Silica	14464-46-1	4.5	0.003	
				Co Naphthenate	61789-51-3	1.5	0.001	
		Total weight	0.980					

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This Document was updated on: 2015/10/01

Important remarks:

1. It is the responsibility of the user to verify they are accessing the latest version.