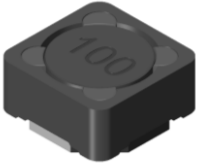


MATERIAL DECLARATION



Material Number	SRR1260 Series			
Product Line	Shielded SMD Power Inductor			
Compliance Date	2016/11/17			
RoHS Compliant	YES	MSL	1	

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	Ferrite Core	2.390	Iron oxide	1309-37-1	52.0	34.096	65.57
				Zinc oxide	1314-13-2	15.0	9.835	
				Cupric oxide	1317-38-0	17.0	11.147	
				Nickel oxide	1313-99-1	16.0	10.491	
2	Winding Wire	Copper Wire	0.850	Copper	7440-50-8	95.0	22.154	23.32
				Modified Polyester Resin	9009-54-5	5.0	1.166	
3	Base	LCP	0.200	Aromatic polyester resin	60088-52-0	65.0	3.567	5.49
				Glass fiber	65997-17-3	34.0	1.866	
				Carbon Black	1333-86-4	1.0	0.055	
		Copper	0.060	Copper	7440-50-8	93.6	1.541	1.65
				Tin	7440-31-5	6.2	0.102	
				Phosphorus	7723-14-0	0.2	0.003	
		Plating	0.005	Tin	7440-31-5	80.0	0.110	0.14
Nickel	7440-02-0			20.0	0.027			
4	Adhesive	Resin	0.025	Bisphenol A Epoxy Resin	25068-38-6	68.0	0.467	0.69
				Carbon black	1333-86-4	5.0	0.034	
				Silicon dioxide	7631-86-9	27.0	0.185	
5	Adhesive	Resin	0.100	Bisphenol A Epoxy Resin	25068-38-6	73.0	2.002	2.74
				Color	1333-86-4	5.0	0.137	

MATERIAL DECLARATION



				Filler	21645-51-2	22.0	0.604	
6	Tape	Tape	0.001	Poly(isophthaloyl-chlorid e-metaphenylene-diamine)	25765-47-3	35.0	0.010	0.03
				Acrylic adhesive, Flame retardant	-	61.3	0.017	
				Antimony trioxide	1309-64-4	3.5	0.001	
				N,N-Dimethylacetamide	127-19-5	0.2	0.0001	
7	Solder	Tin	0.014	Tin (Sn)	7440-31-5	100.0	0.384	0.38
		Total weight	3.645					

This Document was updated on: 2016/11/17

Important remarks:

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