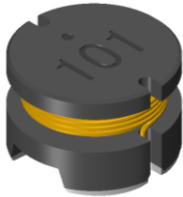


MATERIAL DECLARATION



Material Number	SDR0604 & PM54 Series			
Product Line	SMD Power Inductor			
Compliance Date	2018/04/13			
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	0.225	Iron oxide (Fe ₂ O ₃)	1309-37-1	65.0	40.63	62.5
				Nickel oxide (NiO)	1313-99-1	12.5	7.81	
				Zinc oxide (ZnO)	1314-13-2	18.0	11.25	
				Cupric oxide(CuO)	1317-38-0	4.5	2.81	
2	Winding Wire	Copper	0.102	Copper(Cu)	7440-50-8	95.0	26.92	28.33
				Polyurethane resin	9009-54-5	5.0	1.42	
3	Terminal	Plating	0.025	Silver(Ag)	7440-22-4	46.0	3.19	6.94
				Nickel (Ni)	7440-02-0	18.0	1.25	
				Tin (Sn)	7440-31-5	36.0	2.50	
4	Solder	Tin	0.008	Tin (Sn)	7440-31-5	99.0	2.20	2.22
				Silver(Ag)	7440-22-4	0.5	0.01	
				Copper(Cu)	7440-50-8	0.5	0.01	
			Total weight	0.36				

This Document was updated on: 2018/04/13

Important remarks:

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