


# MATERIAL DECLARATION SHEET



Material Number	SRN6028 SERIES			
Product Line	Semi-Shielded SMD Power Inductor			
Compliance Date	2014/02/21			
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	Ferrite Ni-Zn Series	260.83	Iron oxide	1309-37-1	57.29	38.043	66.402
				Nickel oxide	1313-99-1	11.46	7.609	
				Zinc oxide	1314-13-2	26.04	17.292	
				Copper oxide	1317-38-0	5.21	3.458	
		Plating	10.87	Silver	7440-22-4	25	0.692	2.768
				Glass	65997-18-4	25	0.692	
				Tin	7440-31-5	25	0.692	
				Nickel	7440-02-0	25	0.692	
2	Winding Wire	P180	69.54	Copper	7440-50-8	96	16.995	17.703
				Polyurethane Resin	9005-54-5	4	0.708	
3	Terminal	NP 303	19.64	Tin	7440-31-5	96.5	4.825	5
				Silver	7440-22-4	3	0.150	
				Copper	7440-50-8	0.5	0.025	
4	Adhesive	FERRITE GLUE	31.42	Iron oxide	1309-37-1	40	3.200	8
				Nickel oxide	1313-99-1	5.4	0.432	
				Zinc oxide	1314-13-2	4.6	0.368	
				Vinyl silicone oil	68083-19-2	30	2.400	
				Dimethylvinylated and Trimethylated Silica	68988-89-6	4	0.320	
				Dimethylhydropolyisiloxane	68037-59-2	16	1.280	
5	Marking	JPK-67	0.5	Chrome III- Complex Dye	72812-34-1	100	0.127	0.127
		Total weight	392.8					

This Document was updated on: 2014/03/14