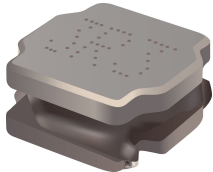


MATERIAL DECLARATION SHEET



Material Number	SRN8040TA Series			
Product Line	Power Inductor			
Compliance Date	2015/01/21			
RoHS Compliant	Yes	MSL	Level 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 body	Ferrite Ni-Zn Series	0.65088	Iron oxide	1309-37-1	62.0	44.64	72.00
				Nickel oxide	1313-99-1	11.0	7.92	
				Zinc oxide	1314-13-2	20.0	14.4	
				Copper oxide	1317-38-0	7.0	5.04	
2	Copper/ Coating	Copper Wire	0.10848	Copper	7440-50-8	98.0	14.7	15.00
		Copper Colored Coating On The Magnet Wire	0.02712	Polyurethane Resin	68400-67-9	2.0	0.30	
3	Terminal	Silver paste_DP4303W	0.02712	Silver	7440-22-4	100.0	3.00	3.00
4	Solder Base	Nickel	0.00904	Nickel	7440-02-0	100.0	1.00	1.00
5	Solder	Lead Free Solder	0.00904	Tin	7440-31-5	100.0	1.00	1.00
6	Adhesive	Magnetic	0.06328	Iron	7439-89-6	46.9	3.283	7.00
				Silicon	7440-21-3	2.1	0.147	
				Chromium	7440-47-3	1.0	0.07	
				Styrene	100-42-5	12.5	0.875	
				Polyester Resin	113669-95-7	30.0	2.10	
				Carbon black	1333-86-4	7.5	0.525	
7	Marking	INK-Black	0.00904	Carbon black	1333-86-4	100.0	1.00	1.00
Total weight			0.904					

This Document was updated on: 2016/01/06