


MATERIAL DECLARATION SHEET



Material Number	SRP0510 Series			
Product Line	Shielded SMD Power Inductor			
Compliance Date	2019 / 08 / 26			
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	Core	Magnetic alloy powder	0.078	Iron	7439-89-6	56.70	44.226	78.00
				Silicon	7440-21-3	9.50	7.410	
				Chromium	7440-47-3	7.50	5.850	
				Oxygen	7782-44-7	1.50	1.170	
				Carbon	7440-44-0	0.90	0.702	
				Sulphur	7704-34-9	0.90	0.702	
				Phenol formaldehyde	9003-35-4	9.50	7.410	
				Phosphoric acid	7664-38-2	4.50	3.510	
				Epoxy	25036-25-3	4.50	3.510	
				Polyester	70729-94-1	4.50	3.510	
2	Wire	EDFB-X	0.012	Copper	7440-50-8	92.5	11.100	12.00
				Polyamide Resin	63428-84-2	5.0	0.600	
				Acryl Resin	-	2.5	0.300	
3	Terminal	Ag. C5210	0.007	Copper	7440-50-8	93.467	6.543	7.00
				Tin	7440-31-5	4.0%	0.280	
				Phosphorus	7723-14-0	0.033	0.002	
				Silver	7440-22-4	2.5	0.175	
4	Adhesive	JD034-6	0.002	Epoxy resin 1	25085-99-8	25.0	0.500	2.00
				Epoxy resin 2	-	19.0	0.380	
				Dicyanodiamide	461-58-5	8.0	0.160	
				Polyamine	-	5.0	0.100	
				Fumed silica	112945-52-5	1.0	0.020	
				Silica	7631-86-9	42.0	0.840	

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5	Mark Seal	TAT INDELIBLE INK - STSG	0.001	Synthetic resin	-	75.0	0.075	1.0
				Carbon black	1333-86-4	25.0	0.025	
		Total weight	0.10					

This Document was updated on: 2019/08/26

Important remarks:

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