


# MATERIAL DECLARATION SHEET



Material Number	SRP0520 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	0.178	Iron	7439-89-6	56.70	45.875	80.91
				Silicon	7440-21-3	9.50	7.686	
				Chromium	7440-47-3	7.50	6.068	
				Oxygen	7782-44-7	1.50	1.214	
				Carbon	7440-44-0	0.90	0.728	
				Sulphur	7704-34-9	0.90	0.728	
				Phenol formaldehyde	9003-35-4	9.50	7.686	
				Phosphoric acid	7664-38-2	4.50	3.641	
				Epoxy	25036-25-3	4.50	3.641	
				Polyester	70729-94-1	4.50	3.641	
2	Wire-1	EDFB-X	0.030	Copper	7440-50-8	92.5	12.614	13.64
				Polyamide Resin	63428-83-1	5.0	0.682	
				Acryl Resin	-	2.5	0.341	
3	Terminal	Ag. C1100	0.009	Copper	7440-50-8	97.5	3.989	4.09
				Silver	7440-22-4	2.5	0.102	
4	Adhesive	JD034-6	0.002	Epoxy resin 1	25085-99-8	25.0	0.227	0.91
				Epoxy resin 2	-	19.0	0.173	
				Dicyanodiamide	461-58-5	8.0	0.073	
				Polyamine	-	5.0	0.045	
				Fumed silica	112945-52-5	1.0	0.009	
Silica	7631-86-9	42.0	0.382					

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5	Mark Seal	TAT INDELIBLE INK - STSG	0.0005	Synthetic resin	-	75.0	0.345	0.46
				Carbon black	1333-86-4	25.0	0.115	
		Total weight	<b>0.22</b>					

**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.