

MATERIAL DECLARATION SHEET



Material Number	SPB1007 Series			
Product Line	Shielded SMD Power Inductor			
Compliance Date	2021 / 09 / 24			
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	C Core/I Core	TM82	1.82	Iron oxide	1309-37-1	71.5	54.220	75.84
				Manganese oxide	1344-43-0	18.5	14.029	
				Zinc oxide	1314-13-2	10.0	7.583	
2	Clip	C1100	0.26	Copper	7440-50-8	100.0	10.833	10.83
		Plating	0.06	Tin	7440-31-5	80.0	2.000	2.50
				Nickel	7440-02-0	20.0	0.500	
3	Gap	Glass Beads	0.06	Silicon dioxide	7631-86-9	68.1	1.703	2.50
				Sodium oxide	1313-59-3	15.0	0.375	
				Calcium oxide	1305-78-8	8.3	0.208	
				Aluminum oxide	1344-28-1	3.3	0.083	
				Glass Fiber	65997-17-3	2.8	0.070	
				Magnesium oxide	1309-48-4	2.5	0.063	
4	Adhesive	EP-600-SL(HF)	0.2	Epoxy resin	25068-38-6	58.0	4.833	8.33
				Dicyandiamide	461-58-5	13.0	1.083	
				Silicone oil	63148-62-9	0.3	0.025	
				Carbon black	1333-86-4	2.0	0.167	
				Titanium dioxide	13463-67-7			
				Silicon dioxide	14808-60-7	26.7	2.225	
Total weight			2.4					

This Document was updated on: 2021/09/24

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Important remarks:

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