


MATERIAL DECLARATION SHEET



Material Number	SPB1012 Series			
Product Line	Shielded SMD Power Inductor			
Compliance Date	2021 / 10 / 08			
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	TM80	2.9	Iron oxide	1309-37-1	71.5	51.836	72.50
				Manganese oxide	1344-43-0	18.5	13.413	
				Zinc oxide	1314-13-2	10.0	7.250	
2	Clip	Cu	0.7	Copper	7440-50-8	99.900	17.483	17.50
		Plating		Tin	7440-31-5	0.025	0.004	
				Nickel	7440-02-0	0.075	0.013	
3	Tape	PF-301	0.1	Polyimide Film	25038-81-7	45.0	1.125	2.50
				Silicon Type Glue	-	55.0	1.375	
4	Epoxy	EB-350	0.3	Epoxy resin	25068-38-6	29.0	2.175	7.50
				Aluminum hydroxide	21645-51-2	58.0	4.350	
				Dicyandiamide	461-58-5	8.0	0.600	
				Siloxanes and Silicones	67762-90-7	4.0	0.300	
				Carbon Black	1333-86-4	1.0	0.075	
		Total weight	4.0					

This Document was updated on: 2021/10/08

Important remarks:

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