

MATERIAL DECLARATION SHEET



Material Number	SPB0705 Series			
Product Line	Shielded SMD Power Inductor			
Compliance Date	2021 / 09 / 17			
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	M70H	0.72	Iron oxide	1309-37-1	70.0	56.000	80.00
				Manganese Oxide	1317-35-7	21.0	16.800	
				Zinc oxide	1314-13-2	9.0	7.200	
2	Clip	C1100	0.09	Copper	7440-50-8	100.0	10.000	10.00
		Plating	0.01	Tin	7440-31-5	80.0	0.889	1.11
				Nickel	7440-02-0	20.0	0.222	
3	Gap	Glass Beads	0.03	Silicon dioxide	7631-86-9	68.1	2.270	3.33
				Sodium oxide	1313-59-3	15.0	0.500	
				Calcium oxide	1305-78-8	8.3	0.277	
				Aluminum oxide	1344-28-1	3.3	0.110	
				Glass Fiber	65997-17-3	2.8	0.093	
4	Adhesive	EP-600-SL(HF)	0.05	Magnesium oxide	1309-48-4	2.5	0.083	5.56
				Epoxy resin	25068-38-6	58.0	3.222	
				Dicyandiamide	461-58-5	13.0	0.722	
				Silicone oil	63148-62-9	0.3	0.017	
				Carbon black	1333-86-4	2.0	0.112	
				Titanium dioxide	13463-67-7	2.0	0.112	
				Silicon dioxide	14808-60-7	26.7	1.483	
		Total weight	0.9					

This Document was updated on: 2021/09/17

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Important remark: It is the responsibility of the user to verify they are accessing the latest version.