


MATERIAL DECLARATION SHEET



Material Number	SPB1308 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	4.2	Iron oxide	1309-37-1	70.0	53.454	76.36
				Manganese Oxide	1317-35-7	21.0	16.036	
				Zinc oxide	1314-13-2	9.0	6.873	
2	Clip	C1100	0.65	Copper	7440-50-8	100.0	11.818	11.82
		Plating	0.19	Tin	7440-31-5	80.0	2.764	3.45
Nickel	7440-02-0			20.0	0.691			
3	Gap	Glass Beads	0.21	Silicon dioxide	7631-86-9	68.1	2.600	3.82
				Sodium oxide	1313-59-3	15.0	0.573	
				Calcium oxide	1305-78-8	8.3	0.317	
				Aluminum oxide	1344-28-1	3.3	0.126	
				Glass Fiber	65997-17-3	2.8	0.107	
4	Adhesive	EP-600-SL(HF)	0.25	Magnesium oxide	1309-48-4	2.5	0.095	4.55
				Epoxy resin	25068-38-6	58.0	2.636	
				Dicyandiamide	461-58-5	13.0	0.591	
				Silicone oil	63148-62-9	0.3	0.014	
				Carbon black	1333-86-4	2.0	0.091	
Titanium dioxide	13463-67-7	2.0	0.091					
				Silicon dioxide	14808-60-7	26.7	1.214	
		Total weight	5.5					

This Document was updated on: 2021/09/17

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