


MATERIAL DECLARATION SHEET



Material Number	SM91536AL			
Product Line	Signal Transformers			
Compliance Date	2023-2-9			
RoHS Compliant	YES	MSL	1	

No.	Construction Element (subpart)	Homogeneous Material	Material weight [g]	Homogeneous Material/Substances	CAS RN(if applicable)	Materials Mass %	Material Mass % of total unit wt.	Subpart mass of total wt. (%)
1	Core	Mn-Zn Ferrite	0.25	Ferric oxide	1309-37-1	52.9	6.8701	12.9870
				Zinc oxide	1314-13-2	13.6	1.7662	
				Trimanganese tetraoxide	1317-35-7	32.3	4.1948	
				[2.2]Paracyclophane	1633-22-3	1.2	0.1558	
2	Insulated wire	Copper Wire	0.18	Copper	7440-50-8	68.05	6.3631	9.3506
				Polyfluoroalkoxy(PFA)	26655-00-5	31	2.8987	
				Polyurethane Resin	9017-09-8	0.95	0.0888	
3	Case	Diallyl isophthalate polymer	1.071	Poly(diallyl isophthalate)	25035-78-3	25	13.9091	55.6364
				Aluminum hydroxide	21645-51-2	45	25.0364	
				Glass Fiber	65997-17-3	30	16.6909	
4	Terminal Pin	Phosphor Bronze Alloys	0.09255	Copper	7440-50-8	99.72	4.7943	4.8078
				Phosphorus	7723-14-0	0.28	0.0135	
		Nickel Plating	0.00573	Nickel	7440-02-0	100	0.2977	0.2977
		Tin Plating	0.00172	Tin	7440-31-5	100	0.0894	0.0894
5		Silicone Rubber	0.304	Silicone Rubber	63394-02-5	55	8.6857	15.7922

MATERIAL DECLARATION SHEET



	Silicone Rubber			Silicon Dioxide	14808-60-7	44	6.9486	
				Carbon Black	1333-86-4	1	0.1579	
6	Solder Bar	Tin-silver-copper alloy	0.02	Tin	7440-31-5	96.5	1.0026	1.0390
				Silver	7440-22-4	3	0.0312	
				Copper	7440-50-8	0.5	0.0052	
				Total Weight	1.925		100.0000	

This Document was updated on: 2022-12-7

Important remarks:

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