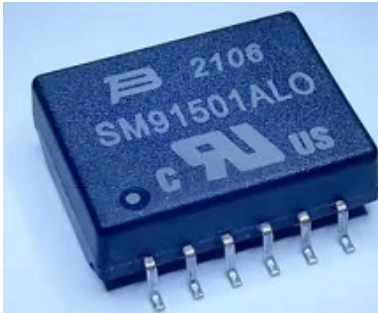


# MATERIAL DECLARATION SHEET



Material Number	<b>SM91501ALO</b>			
Product Line	<b>Signal Transformer</b>			
Compliance Date	<b>2021-04-30</b>			
RoHS Compliant	<b>YES</b>	MSL	<b>1</b>	

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	Core	Mn-Zn ferrite core	0.1506	Iron Oxide	1309-37-1	52.9	8.4671	16.006
				Zinc Oxide	1314-13-2	13.6	2.1768	
				Manganese Oxide	1317-35-7	32.3	5.1699	
				Coating	1633-22-3	1.2	0.1921	
		Ni-Zn ferrite core	0.088	Iron Oxide	1309-37-1	52.6	4.9195	9.353
				Zinc Oxide	1314-13-2	11	1.0288	
				Nickel Oxide	1313-99-1	33.5	3.1332	
				Copper Oxide	1317-38-0	2.2	0.2058	
2	Wire	Polyamide over polyurethane enameled copper wire	0.0668	Copper	7440-50-8	79.85	5.5895	7.099
				Polyurethane resin	9009-54-5	20.15	1.4105	

# MATERIAL DECLARATION SHEET



3	Case	DiallylPhthalate (DAP) Molding Compound	0.4957	DAP resin	25035-78-3	25	13.1709	52.684
				Aluminum hydroxide	21645-51-2	45	23.706	
				Glass Fiber	65997-17-3	30	15.804	
4	Terminal PIN	Phosphor Bronze Alloys	0.06	Tin	7440-31-5	5.73	0.3654	6.377
				Phosphorus	7723-14-0	0.26	0.0166	
				Copper	7440-50-8	92.29	5.8852	
				Nickel	7440-02-0	1.72	0.1097	
5	Silicone	1-2577	0.074	Poly(dimethylsiloxane)	9016-00-6	100	7.86	7.865
6	Solder	SAC305	0.0058	Tin	7440-31-5	96.5	0.5983	0.616
				Silver	7440-22-4	3	0.0186	
				Copper	7440-50-8	0.5	0.0003	
Total weight			0.9409					

This Document was updated on: 2021-04-30