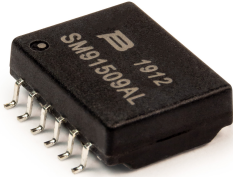


# MATERIAL DECLARATION SHEET



Material Number	<b>SM91509AL</b>			
Product Line	<b>Signal Transformer</b>			
Compliance Date	<b>2019-7-25</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	0.2412	Iron oxide	1309-37-1	68.5	14.17362958	20.69
				Zinc oxide	1314-13-2	14.5	3.000257356	
				Manganese oxide	1317-35-7	14.5	3.000257356	
				Parylene – N	1633-22-3	2.5	0.517285751	
		Ni-Zn ferrite core	0.1760	Iron oxide	1309-37-1	52.6	7.941665952	15.10
				Zinc oxide	1314-13-2	11	1.660804667	
				Nickel oxide	1313-99-1	33.5	5.057905121	
				Copper oxide	1317-38-0	2.2	0.332160933	
		Parylene - N	1633-22-3	0.7	0.10568757			

# MATERIAL DECLARATION SHEET



2	Wire	Polyamide over polyurethane enameled copper wire	0.1220	Copper	7440-50-8	96.959		10.47
				Oxygen	7782-44-7	0.04		
				Polyurethane	68400-67-9	3.0		
				Polyamide	63428-83-1	0.001		
3	Case	Diallyl Phthalate (DAP) Molding Compound	0.4905	DAP resin	25035-78-3	25		42.08
				Aluminum Trihydroxide	21645-51-2	45		
				Glass Fiber	65997-17-3	30		
4	Terminal PIN	Phosphor Bronze Alloys	0.0600	Tin	7440-31-5	8.06	0.414858025	5.15
				Phosphorus	7723-14-0	0.16	0.008235395	
				Copper	7440-50-8	91.54	4.711675388	
				Nickel	7440-02-0	0.24	0.012353093	
5	Silicone	1-2577	0.0700	Poly(dimethylsiloxane)	9016-00-6	100	6.004975551	6.00
6	Solder	Sn100	0.0060	Tin	7440-31-5	100	0.514712190	0.51
Total weight			1.1657					

This Document was updated on: 2019-7-25