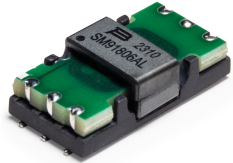


MATERIAL DECLARATION SHEET



Material Number	SM91806AL			
Product Line	Signal Transformer			
Compliance Date	2023-11-07			
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	Core	Mn-Zn ferrite	0.6644	Ferric oxide	1309-37-1	70	31.5398	45.0568
				Manganese oxide	1317-35-7	22	9.9125	
				Zinc oxide	1314-13-2	8	3.6045	
2	PCB board	Glass Fiber	0.2857	Glass Fiber	65997-17-3	51.2	9.9200	19.3750
				Additives not to declare	Proprietary	5	0.9687	
				Epoxy resin	Proprietary	43.8	8.4862	
		Copper foil	0.0504	Copper	7440-50-8	99.95	3.4162	3.4179
				Miscellaneous, not to declare	--	0.05	0.0017	
		Copper plating	0.001570	Copper	7440-50-8	75.5	0.0804	0.1065
				Tin	7440-31-5	20	0.0213	
				Lead	7439-92-1	2	0.0021	
				Zinc	7440-66-6	2.5	0.0027	
		Nickel plating	0.000187	Nickel	7440-02-0	100	0.0127	0.0127
		Gold plating	0.000007	Gold	7440-57-5	100	0.0005	0.0005
		Acrylic polyol resin (Green)	0.00498	Acrylic resin	Proprietary	52.2	0.1763	0.3377
				Barium sulphate	7727-43-7	41.8	0.1412	
Talc	14807-96-6			1	0.0034			
Further additives	Not to declare			5	0.0169			

MATERIAL DECLARATION SHEET



		Acrylic resin (White)	0.0000389	Acrylic resin	Proprietary	45	0.0012	0.0026
				Titanium dioxide	13463-67-7	7	0.0002	
				Aluminum hydroxide	21645-51-2	0.7	0.00002	
				2-Hydroxy-3-phenoxypropyl acrylate	16969-10-1	45	0.0012	
				Further additives	Not to declare	2.3	0.0001	
3	Base	Diallyl phthalate molding compound	0.4006	DAP resin	25035-78-3	25	6.79175	27.1670
				Aluminum Trihydroxide	21645-51-2	45	12.22515	
				Glass Fiber	65997-17-3	30	8.15010	
4	Terminal PIN	Phosphor Bronze Alloys	0.028	Copper	7440-50-8	93.45	1.77447	1.8988
				Tin	7440-31-5	6.25	0.11868	
				Phosphorus	7723-14-0	0.2	0.00380	
				Iron	7439-89-6	0.1	0.00190	
		Nickel plating	0.0005	Nickel	7440-02-0	100	0.03391	0.0339
		Tin plating	0.0015	Tin	7440-31-5	100	0.10172	0.1017
5	Glue	Anaerobic adhesive	0.00072	Allyl methacrylates crosspolymers	182212-41-5	100	0.0488	0.0488
6	Glue	Epoxy	0.00338	Epoxy resin	38891-59-7	95	0.2178	0.2292
				Bentonite	1302-78-9	5	0.01146	
7	Solder	Silver-copper alloy	0.0326	Tin	7440-31-5	99.3	2.19532	2.2108
				Copper	7440-50-8	0.7	0.01548	
		Total weight	1.475					

This Document was updated on: 2023-11-07

Important remarks:

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