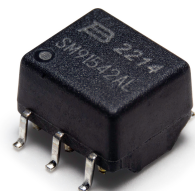


MATERIAL DECLARATION SHEET



Material Number	SM91542AL			
Product Line	Signal Transformer			
Compliance Date	2023-05-05			
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 core	0.0569	Ferric oxide	1309-37-1	52.9	7.9693	15.0649
				Zinc oxide	1314-13-2	13.6	2.0488	
				Manganese oxide	1317-35-7	32.3	4.8660	
				[2.2]Paracyclophane	1633-22-3	1.2	0.1808	
		Ni-Zn ferrite core	0.0539	Ferric oxide	1309-37-1	52.6	7.5063	14.2706
				Zinc oxide	1314-13-2	11	1.5698	
				Nickel oxide	1313-99-1	33.5	4.7806	
				Cupric oxide	1317-38-0	2.2	0.3140	
				[2.2]Paracyclophane	1633-22-3	0.7	0.0999	
2	Wire	Blue enamelled wire	0.0084	Copper	7440-50-8	96.65	2.1495	2.2240
				Polyamide resin	32131-17-2	0.01	0.0002	
				Polyurethane resin	9009-54-5	3.32	0.0738	
				Solvent Blue 35	17354-14-2	0.02	0.0004	
		Green enamelled wire	0.0084	Copper	7440-50-8	96.65	2.1495	2.2240
				Polyamide resin	32131-17-2	0.01	0.0002	

MATERIAL DECLARATION SHEET



				Polyurethane resin	9009-54-5	3.32	0.0738	
				Phthalocyanine blue	147-14-8	0.01	0.0002	
				N-[2-(2-Hydroxyethoxy)ethyl]dodecanamide	26635-75-6	0.01	0.0002	
		Natural enamelled wire	0.0084	Copper	7440-50-8	96.67	2.1499	2.2240
				Polyamide resin	32131-17-2	0.01	0.0002	
				Polyurethane resin	9009-54-5	3.32	0.0738	
		Red enamelled wire	0.0084	Copper	7440-50-8	96.65	2.1495	2.2240
				Polyamide resin	32131-17-2	0.01	0.0002	
				Polyurethane resin	9009-54-5	3.32	0.0738	
				Solvent Red 122	12227-55-3	0.02	0.0004	
3	Case	DiallylPhthalate Molding Compound	0.182	DAP resin	25035-78-3	25	12.0466	48.1864
				Aluminum Trihydroxide	21645-51-2	45	21.6839	
				Glass Fiber	65997-17-3	30	14.4559	
4	Terminal PIN	Phosphor Bronze Alloys	0.024	Copper	7440-50-8	93.45	5.9380	6.3542
				Tin	7440-31-5	6.25	0.3971	
				Phosphorus	7723-14-0	0.2	0.0127	
				Iron	7439-89-6	0.1	0.0064	
		Tin plating	0.0015	Tin	7440-31-5	100	0.3971	0.3971
		Nickel plating	0.0005	Nickel	7440-02-0	100	0.1324	0.1324
5	Glue	Silicon Resin	0.0195	Poly(dimethylsiloxane)	9016-00-6	100	5.1628	5.1628
6	Solder	Tin-silver-copper alloy	0.0058	Tin	7440-31-5	96.5	1.48186	1.5356
				Silver	7440-22-4	3	0.04607	
				Copper	7440-50-8	0.5	0.00768	
		Total weight	0.3777					

This Document was updated on: 2023-05-05