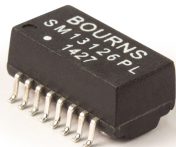


MATERIAL DECLARATION SHEET



Material Number	SM13126PEL			
Product Line	LAN Transformer			
Compliance Date	2019-2-11			
RoHS Compliant	YES	MSL	1	

No.	Construction Element(sub part)	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	0.1	Iron oxide	1309-37-1	55	6.88705234	12.52
				Zinc oxide	1314-13-2	25	3.13047834	
		NiZn ferrite core	0.05	Manganese oxide	1344-43-0	20	2.50438267	6.26
				Iron oxide	1309-37-1	50	3.13047834	
2	Wire	Polyurethane/ Polyamide Enamelled Copper Wire	0.068	Zinc oxide	1314-13-2	15	0.93914350	8.52
				Nickel oxide	1313-99-1	35	2.19133484	
				Copper	7440-50-8	96.26	8.19644378	
3	Case	Diallyl Phthalate (DAP) Molding Compound	0.37	Polyurethane	68400-67-9	0.24	0.02043576	46.33
				Polyamide	63428-83-1	3.5	0.29802154	
				DAP resin	25035-78-3	25	11.58276985	
4	Terminal PIN	Phosphor Bronze Alloys	0.0356	Aluminum hydroxide	21645-51-2	45	20.84898573	4.46
				Silicon dioxide	65997-17-3	30	13.89932382	
				Copper	7440-50-8	91.54	4.08067117	
				Zinc	7440-66-6	0.2	0.00891560	
6	Varnish	Varnish (dry)	0.07	Phosphorus	7723-14-0	0.16	0.00713248	8.77
				Iron	7439-89-6	0.1	0.00445780	
				Tin	7440-31-5	8	0.35662409	
7	Solder	Alkyd Resin	63148-69-6	80	7.01224	10.64		
		Amino Resin	9003-08-1	20	1.75306			
		Sn100	0.02	Tin	7440-31-5		100	2.50438267
		Sn96/Cu4	0.085	Tin	7440-31-5	96	10.21788129	
				Copper	7440-50-8	4	0.42574505	
Total weight			0.7986					

This Document was updated on: 2019-03-28