

MATERIAL DECLARATION SHEET



Material Number	SDE0403AT Series			
Product Line	SMD Power Inductor			
Compliance Date	2024/05/22			
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	Ferrite	0.118	Iron oxide (Fe2O3)	1309-37-1	62.0%	40.644	65.56
				Cupric Oxide (CuO)	1317-38-0	10.0%	6.556	
				Zinc oxide (ZnO)	1314-13-2	20.0%	13.111	
				Nickel oxide (NiO)	1313-99-1	8.0%	5.244	
2	Terminal	Plating- Ag	0.0013	Silver(Ag)	7440-22-4	100.0%	0.722	0.72
		Plating- Ni	0.0003	Nickel (Ni)	7440-02-0	100.0%	0.167	0.17
		Plating- Sn	0.0004	Tin (Sn)	7440-31-5	100.0%	0.222	0.22
3	Wire	COPPER(C11000)	0.055	Copper(Cu)	7440-50-8	99.95%	30.54	30.56
				Misc. ,not to declare	\	0.05%	0.015	
		RESIN	0.003	Polyurethane	9009-54-5	100.00%	1.667	1.67
4	Solder bar	Tin	0.002	Tin (Sn)	7440-31-5	99.0%	1.1	1.1
				Silver(Ag)	7440-22-4	0.5%	0.006	
				Copper (Cu)	7440-50-8	0.5%	0.006	
		Total weight	0.18					

This Document was updated on: 2024/05/22

Important remarks:

1. It is the responsibility of the user to verify they are accessing the latest version. the same as the data sheet picture.