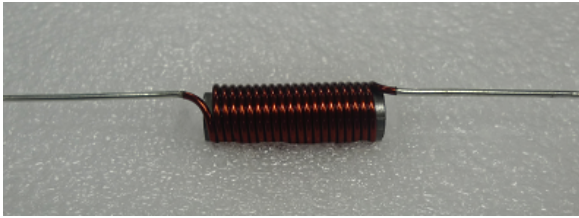


MATERIAL DECLARATION SHEET



Material Number	5256-RC			
Product Line	Inductor			
Compliance Date	2025-01-16			
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	Ni-Zn ferrite	5.0554	Ferric oxide	1309-37-1	65	19.0192	29.2603
				Zinc oxide	1314-13-2	18	5.2669	
				Cupric oxide	1317-38-0	4.5	1.3167	
				Nickelous oxide	1313-99-1	12.5	3.6575	
2	Pin	C1100(Copper)	0.3729	Copper	7440-50-8	99.95	2.1570	2.1581
				Miscellaneous	Not to declare	0.05	0.0011	
		Tin plating	0.0046	Tin	7440-31-5	100	0.0264	0.0264
4	Wire	Copper	11.2008	Copper	7440-50-8	100	64.8295	64.8295
		Polyurethane	0.1844	Polyurethane	9009-54-5	100	64.8295	1.0673
5	Adhesive	Epoxy resin	0.0102	Epoxy resin	38891-59-7	95	0.0561	0.0590
				Bentonite	1302-78-9	5	0.0030	
6	Vanish	Polyester resin	0.6130	Modified polyester resin	Proprietary	100.00	3.5480	3.5480
7	Solder	Tin-silver-copper alloy	0.0205	Tin	7440-31-5	96.5	0.1145	0.1187
				Silver	7440-22-4	3	0.0036	
				Copper	7440-50-8	0.5	0.0006	
Total weight			17.46					

MATERIAL DECLARATION



This Document was updated on: 2025-01-16

Important remarks:

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