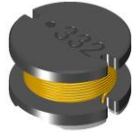


MATERIAL DECLARATION



Material Number	PM105 (1R5~3R9, 8R2, 270, 330)			
Product Line	SMD Power Inductor			
Compliance Date	2016 / 06 / 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	Ferrite Material	TN40H	1.004	Iron oxide (Fe2O3)	1309-37-1	65.0	56.259	86.55
				Nickel oxide (NiO)	1313-99-1	12.5	10.819	
				Zinc oxide (ZnO)	1314-13-2	18.0	15.579	
				Cupric oxide(CuO)	1317-38-0	4.5	3.895	
2	Winding Wire	2SFBW	0.14	Copper(Cu)	7440-50-8	95.0%	11.465	12.07
				Polyester Resin	9009-54-5	5.0%	0.603	
3	Terminal	Plating	0.011	Silver (Ag)	7440-22-4	55.0	0.522	0.95
				Nickel (Ni)	7440-02-0	25.0	0.237	
				Tin (Sn)	7440-31-5	20.0	0.19	
4	Solder	0505H	0.005	Tin (Sn)	7440-31-5	99.0	0.427	0.43
				Silver(Ag)	7440-22-4	0.5	0.002	
				Copper(Cu)	7440-50-8	0.5	0.002	
			Total weight	1.160				

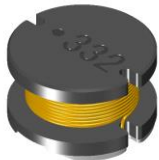
This Document was updated on: **2016/06/22**

Important remarks:

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

MATERIAL DECLARATION



Material Number	PM105 (4R7~6R8, 100~220, 390~222, 270~472)			
Product Line	SMD Power Inductor			
Compliance Date	2016 / 06 / 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	Ferrite Material	TN40H	1.004	Iron oxide (Fe2O3)	1309-37-1	65.0	56.259	86.55
				Nickel oxide (NiO)	1313-99-1	12.5	10.819	
				Zinc oxide (ZnO)	1314-13-2	18.0	15.579	
				Cupric oxide(CuO)	1317-38-0	4.5	3.895	
2	Winding Wire	P180-G2	0.14	Copper(Cu)	7440-50-8	95.0	11.465	12.07
				Polyurethane resin	9009-54-5	5.0	0.603	
3	Terminal	Plating	0.011	Silver (Ag)	7440-22-4	55.0	0.522	0.95
				Nickel (Ni)	7440-02-0	25.0	0.237	
				Tin (Sn)	7440-31-5	20.0	0.19	
4	Solder	0505H	0.005	Tin (Sn)	7440-31-5	99.0	0.427	0.43
				Silver(Ag)	7440-22-4	0.5	0.002	
				Copper(Cu)	7440-50-8	0.5	0.002	
			Total weight	1.160				

This Document was updated on: 2016/06/22

Important remarks:

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