


# MATERIAL DECLARATION SHEET



Material Number	SDE0403A Series (1R0M~4R7M)			
Product Line	SMD Power Inductor			
Compliance Date	2014/08/29			
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	N401H	0.138	Iron oxide	1309-37-1	66.3	50.83	76.67
				Nickel oxide	1313-99-1	11.4	8.74	
				Zinc oxide	1314-13-2	17.9	13.73	
				Cupric oxide	1317-38-0	4.4	3.37	
2	Terminal	Plating	0.002	Silver	7440-22-4	55	0.61	1.11
				Nickel	7440-02-0	25	0.28	
				Tin	7440-31-5	20	0.22	
3	Winding Wire	2SFBW	0.038	Copper	7440-50-8	95.0	20.05	21.11
				Polyester Resin	68604-67-1	5.0	0.06	
4	Solder bar	0505H	0.002	Tin	7440-31-5	99.0	1.10	1.11
				Silver	7440-22-4	0.5	0.005	
				Copper	7440-50-8	0.5	0.005	
		Total weight	<b>0.18</b>					


This Document was updated on: 2014/08/29

**Important remarks:**

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

# MATERIAL DECLARATION SHEET



Material Number	SDE0403A Series (6R8M~680K)			
Product Line	SMD Power Inductor			
Compliance Date	2014/08/29			
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	N401H	0.138	Iron oxide	1309-37-1	66.3	50.83	76.67
				Nickel oxide	1313-99-1	11.4	8.74	
				Zinc oxide	1314-13-2	17.9	13.73	
				Cupric oxide	1317-38-0	4.4	3.37	
2	Terminal	Plating	0.002	Silver	7440-22-4	55	0.61	1.11
				Nickel	7440-02-0	25	0.28	
				Tin	7440-31-5	20	0.22	
3	Winding Wire	P180-G2	0.038	Copper	7440-50-8	95.0	20.05	21.11
				Polyurethane resin	9009-54-5	5.0	1.06	
4	Solder bar	0505H	0.002	Tin	7440-31-5	99.0	1.100	1.11
				Silver	7440-22-4	0.5	0.005	
				Copper	7440-50-8	0.5	0.005	
			Total weight	<b>0.18</b>				

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