


# MATERIAL DECLARATION



Material Number	PM7032S-series			
Product Line	SHIELDED SMD POWER INDUCTOR			
Compliance Date	2009.06.30			
RoHS Compliant	YES	MSL	2	

No.	Construction Element(subpart)	Homogeneous Material	Material weight [mg]	Homogeneous Material\ Substances	CASRN if applicable	Materials Mass %	Material Mass % of total unit wt.	Subpart mass of total wt. (%)
1	Ferrite Material	F4D	324	Iron oxide (Fe2O3)	1309-37-1	60	40.8	68
				Nickel oxide (NiO)	1313-99-1	10	6.8	
				Zinc oxide (ZnO)	1314-13-2	20	13.6	
				Copper oxide(CuO)	1317-38-0	10	6.8	
2	Winding Wire	2SFBW	76	Copper (Cu)	7440-50-8	95	15.2	16
				Polyester Resin	N/A	5	0.8	
3	Solder	Lead free-solder	5	Tin (Sn)	7440-31-5	96.5	0.965	1
				Silver (Ag)	7440-22-4	3	0.03	
				Copper (Cu)	7440-50-8	0.5	0.005	
4	BASE	LCP-E4008	45	Aromatic polyester resin	6088-52-0	100	9.5	9.5
5	BASE Terminal Electrode	C5191/Sn/ Ni	16	<b>Phosphor bronze</b>	N/A	90	3.1	3.4
				Tin (Sn)	7440-31-5	7	0.2	
				Nickel (Ni)	7440-02-0	3	0.1	
6	Adhesive	6020H-6-3	10	Bisphenol A Epoxy Resin	25068-38-6	63	1.323	2.1
				Alkyd glycidyl ether	68609-97-2	3	0.063	
				Methyl imidazole	693-98-1	5	0.105	
				Carbon black	1333-86-4	3	0.063	
				Silicon dioxide	7631-86-9	26	0.546	
Total weight			476					

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**BOURNS**<sup>®</sup>

This Document was updated on: 2009.06.30

**Important remarks:**

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