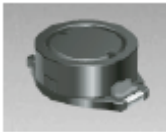


MATERIAL DECLARATION



Material Number	PM1608S - 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	F2K	50	Iron oxide (Fe ₂ O ₃)	1317-60-8	70	21.7	31
				Manganese oxide (MnO)	1344-43-0	15	4.65	
				Zinc oxide (ZnO)	1314-13-2	15	4.65	
2	Winding Wire	2SFBW	40	Copper (Cu)	7440-50-8	95	23.7	25
				Polyester Resin	N/A	5	1.3	
3	Solder	Lead free-solder	10	Tin (Sn)	7440-31-5	96.5	5.79	6
				Silver (Ag)	7440-22-4	3	0.18	
				Copper (Cu)	7440-50-8	0.5	0.03	
4	BASE	CERAMIC	30	Ceramic	N/A	100	19	19
5	BASE Terminal Electrode	Ag/Ni/Au	10	Silver (Ag)	7440-22-4	70	4.2	6
				Nickel (Ni)	7440-02-0	25	1.5	
				Gold (Au)	7440-57-5	5	0.3	
6	Adhesive	6020H-6-3	20	Bisphenol A Epoxy Resin	25068-38-6	63	8.19	13
				Alkyd glycidyl ether	68609-97-2	3	0.39	
				Methyl imidazole	693-98-1	5	0.65	
				Carbon black	1333-86-4	3	0.39	
				Silicon dioxide	7631-86-9	26	3.38	
		Total weight	160					

MATERIAL DECLARATION

BOURNS[®]

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.