


MATERIAL DECLARATION SHEET



Material Number	CS160808 Series			
Product Line	Ferrite Chip Inductor			
Compliance Date	2014/10/29			
RoHS Compliant	Yes	MSL	Level 1	

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 body	Ferrite Ni-Zn Series	4.2245	Iron oxide	1309-37-1	62.00%	52.70%	85.00%
				Nickel oxide	1313-99-1	11.00%	9.35%	
				Zinc oxide	1314-13-2	20.00%	17.00%	
				Copper oxide	1317-38-0	7.00%	5.95%	
2	Internal Circuit	Silver paste_7454B	0.4970	Silver	7440-22-4	100.00%	10.00%	10.00%
3	Terminal	Silver paste_DP4303W	0.1491	Silver	7440-22-4	100.00%	3.00%	3.00%
4	Solder Base	Nickel	0.0497	Nickel	7440-02-0	100.00%	1.00%	1.00%
5	Solder	Lead Free Solder	0.0497	Tin	7440-31-5	100.00%	1.00%	1.00%
Total weight			4.9700					

This Document was updated on: 2014/10/29

Important remarks:

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