MATERIAL DECLARATION SHEET

BOURNS®

Material Number	MG2029, MU2029, MZ2029 Series		
Product Line	Ferrite Chip Beads		
Compliance Date	June 1, 2003		
RoHS Compliant	Yes	MSL	Level 1



No.	Construction Element (subpart)	Homogeneous Material	Material weight [g]	Homogeneous Material\ Substances	CASRN if applicable	Materials Mass %	Subpart mass of total wt. (%)	Material Mass % of total unit wt.
1	Ferrite body	Ferrite Ni-Zn Series	0.0081175	Iron oxide	1309-37-1	62	52.7	**85**
				Nickel oxide	1313-99-1	11	9.35	
				Zinc oxide	1314-13-2	20	17	
				Copper oxide	1317-38-0	7	5.95	
2	Internal circuit	Silver	0.000955	Silver	7440-22-4	100	10	10
3	Terminal	Silver	0.0002865	Silver	7440-22-4	100	3	3
4	Solder Base	Nickel	0.0000955	Nickel	7440-02-0	100	1	1
5	Solder	Lead Free Solder	0.0000955	Tin	7440-31-5	100	1	1
		Total weight	0.00955					

This Document was updated on: August 18, 2011

Important remarks: It is the responsibility of the user to verify they are accessing the latest version.

CASRN: CAS Registry Number® is a Registered Trademark of the American Chemical Society