


MATERIAL DECLARATION SHEET

Material Number	MOV-20DxxxK Series			
Product Line	MOV Products			
Compliance Date	8-Dec-11			
RoHS Compliant	Yes	MSL	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	Disk body with Silver electrode	Zinc Oxide Disc	10366	Zinc Oxide	1314-13-2	90	68.4	76.0
				Silver	7440-22-4	1	0.76	
				Cobalt Oxide	1308-04-9	5	3.80	
				Antimony Oxide	1309-64-4	4	3.04	
2	Coater	Epoxy Resin	2040	Epoxy resin	25036-25-3	46	6.9	15.0
				Silica	60676-86-0	36	5.4	
				Polyphosphate epoxy resin	68333-79-9	10	1.5	
				Benzenetetracarboxylic anhydride	89-32-7	8	1.2	
3	Lead wire	Tin Copper Clad Steel Wire	1088	Iron	7439-89-6	55	4.4	8.0
				Copper	7440-50-8	40	3.2	
				Tin	7440-31-5	5	0.4	
4	Solder	Soldering Bar	136	Tin	7440-31-5	96.5	0.965	1.0
				Silver	7440-22-4	3	0.03	
				Copper	7440-50-8	0.5	0.005	
Total weight			13630					

This Document was updated on: December 8, 2011

Important remarks:

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