


# MATERIAL DECLARATION SHEET



Material Number	MOV-10DxxxK Series			
Product Line	MOV Products			
Compliance Date	1-Nov-09			
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 (HEL)	390	Zinc Oxide (ZnO)	1314-13-2	86	31.8	37.0
				Silver (Ag)	7440-22-4	1.8	0.7	
				Other compounds (includes oxides of chromium, antimony, bismuth, manganese, nickel, cobalt - % is trade secret)	12018-01-8 1309-64-4 1304-76-3 1317-35-7 1313-99-1 1309-96-6	12.2	4.5	
2	Coater	Epoxy resin (KAIHUA)	240	Epoxy resin (halogens <1500ppm but >900 ppm)	25036-25-3	50	11.4	22.7
				Silica	60676-86-0	47	10.7	
				Other compound		3	0.7	
3	Lead wire	Tin copper Clad Steel WIRE (HUIHUA)	380	Iron (Fe)	7439-89-6	55	19.8	36.0
				Copper (Cu)	7740-50-8	40	14.4	
				Tin (Sn)	7440-31-5	5	1.8	
4	Solder	Soldering Bar (DONGYANG)	45	Tin (Sn)	7440-31-5	96.5	4.1	4.3
				Silver (Ag)	7440-22-4	3	0.13	
				Copper (Cu)	7740-50-8	0.5	0.02	
<b>Total weight</b>			<b>1055</b>					

This Document was updated on: 11/06/2009

**Important remarks:**

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