

# MATERIAL DECLARATION SHEET



Material Number	MOV-07DxxxK Series			
Product Line	MOV Products			
Compliance Date	1-Nov-2009			
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)	180	Zinc Oxide (ZnO)	1314-13-2	86	31.0	36.0
				Silver (Ag)	7440-22-4	1.8	0.6	
				Other compound (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	4.4	
2	Coater	Epoxy Resin (KAIHUA)	130	Epoxy resin (halogens <1500ppm but >900 ppm)	25036-25-3	50	13.0	26.0
				Silica	60676-86-0	47	12.2	
				Other compound		3	0.8	
3	Lead wire	Tin Copper Clad Steel Wire (HUIHUA)	150	Iron (Fe)	7439-89-6	55	16.5	30.0
				Copper (Cu)	7740-50-8	40	12.0	
				Tin (Sn)	7440-31-5	5	1.5	
4	Solder	Soldering Bar (DONGYANG)	40	Tin (Sn)	7440-31-5	96.5	7.7	8.0
				Silver (Ag)	7440-22-4	3	0.24	
				Copper (Cu)	7440-50-8	0.5	0.04	
<b>Total weight</b>			<b>500</b>					

This Document was updated on: 11/06/2009

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