

MATERIAL DECLARATION SHEET



Material Number	MOV-07D511K			
Product Line	MOV Products			
Compliance Date	8-Jul-2025			
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	Zinc Oxide Disc	Zinc Oxide Disc	425.10	Zinc Oxide	1314-13-2	95.50	50.676	53.06%
				Silver	7440-22-4	2.00	1.061	
				Silicon dioxide	7631-86-9	0.50	0.265	
				Nickelic Oxide	1314-06-3	0.60	0.318	
				Antimony oxide	1309-64-4	0.50	0.265	
				Cobalt oxide	1307-96-6	0.50	0.265	
				Manganese(II,III) Oxide	1317-35-7	0.40	0.212	
2	Solder	Solder	19.10	Tin	7440-31-5	97.5	2.846	2.92%
				Silver	7440-22-4	2.0	0.058	
				Copper	7440-50-8	0.5	0.015	
3	Coater/Epoxy Resin	Coater/Epoxy Resin	93.40	Epoxy Resin	25036-25-3	47.3	6.624	14.00%
				Fused Silica	60676-86-6	41.0	5.742	
				Cupric carbonate basic	12069-69-1	2.9	0.406	
				Titanium dioxide	13463-67-7	1.6	0.224	
				Others	----	7.2	1.008	
4	Wire Lead	Wire Lead	193.30	iron	7439-89-6	85.0	25.511	30.01%
				Copper	7440-50-8	12.5	3.752	
				Tin	7440-31-5	2.5	0.750	
		Total weight	735.90					

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Important remarks: It is the responsibility of the user to verify they are accessing the latest version.
This document was updated on July 8, 2025.