

MATERIAL DECLARATION



Material Number	GMOV-14D321K			
Product Line	GMOV Products			
Compliance Date	11-Sep-25			
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 (HONGZHI)	2660.0	Zinc Oxide	1314-13-2	89.00%	59.84%	67.24%
				Bismuth trioxide	1304-76-3	3.50%	2.35%	
				Diantimony trioxide	1309-64-4	2.40%	1.61%	
				Cobalt oxide	1307-96-6	1.49%	1.00%	
				Silver	7440-22-4	2.00%	1.34%	
				Others	----	1.61%	1.08%	
2	COATER	EPOXY RESIN (PELNOX)	415.7	Epoxy Resin	25036-25-3	47.3%	4.97%	10.51%
				Fused Silica	60676-86-6	41.0 %	4.31%	
				Cupric carbonate basic	12069-69-1	2.9 %	0.30%	
				Titanium dioxide	13463-67-7	1.6 %	0.17%	
				Others	----	7.2 %	0.76%	
3	LEAD WIRE	Tin-plated Copper Wire(HUIHUA)	398.0	Copper	7440-50-8	95.00%	9.56%	10.06%
				Tin	7440-31-5	5.00%	0.50%	
4	SOLDER	Soldering Bar (DAMAI)	35.5	Tin	7440-31-5	97.50%	0.87%	0.90%
				Silver	7440-22-4	2.00%	0.02%	
				Copper	7440-50-8	0.50%	0.00%	
5	SOLDER	Solder Paste (HUADAKANG)	7.0	Tin	7440-31-5	96.50%	0.17%	0.18%
				Silver	7440-22-4	3.00%	0.01%	
				Copper	7440-50-8	1.00%	0.00%	
6		GDT (Bourns)	440.0			100.00%	11.12%	11.12%
Total weight			3956.2					

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This Document was updated on: 1-Jan-2018

Important remarks:

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