


MATERIAL DECLARATION



Material Number	3306P (1KΩ < RC<100KΩ)			
Product Line	Trimmer			
Compliance Date	RoHS Directive 2015/863 Mar. 31, 2015 and Annex. 8-26-2004 Updated : 11/26/2024			
RoHS Compliant	Yes	MSL	1	

NO	Construction Element(subpart)	Homogeneous Material	Material weight [g]	Homogeneous Material\ Substances	CASRN if applicable	Materials Mass %	Mass % of total unit wt. Material	Subpart mass of total wt. (%)
1	SUBSTRATE	ALUMINA	0.13	Magnesium oxide	1309-48-4	2	0.698	34.880
				Silica, Crystalline	14808-60-7	3	1.046	
				Aluminum oxide	1344-28-1	95	33.136	
2	ELECTRODE	GLASS Ag-Pd	0.001	Copper (metallic)	7440-50-8	0.63	0.002	0.268
				Palladium	7440-05-3	3.8	0.010	
				Silver	7440-22-4	92	0.247	
				Glass without declarable substances	-	1	0.003	
				Misc., not to declare	-	2.57	0.007	
3	RESISTANCE ELEMENT	METAL GLAZED RESISTORS	0.0012	Dicopper oxide	1317-39-1	0.17	0.001	0.322
				Copper oxide	1317-38-0	0.88	0.003	
				Silver	7440-22-4	11.44	0.037	
				Tin oxide	18282-10-5	1.15	0.004	
				Hafnium(IV) oxide	12055-23-1	0.38	0.001	
				Ruthenium(IV) oxide	12036-10-1	22.82	0.073	
				Glass without declarable substances	Trade secret	49.54	0.160	
				Zirconium oxide	1314-23-4	13.62	0.044	
4	MARKING	EPOXY RESIN	0.00001	Organic phosphorus compound ISO 1043-4, not declarable	-	0.08	0.000002	0.003
				Copper phthalocyanine	147-14-8	1.5	0.00004	
				Barium sulfate	7727-43-7	17.1	0.0005	
				Silica, Crystalline	14808-60-7	17.2	0.0005	

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				Talc	14807-96-6	1.9	0.0001	
				Siloxane resin	-	7.52	0.0002	
				Epoxy resin	Trade secret	54.7	0.0015	
5	TERMINAL CONNECTOR	SOLDER Sn-3Ag-0.5Cu	0.0015	Lead	7439-92-1	0.0499	0.0002	0.402
				Antimony	7440-36-0	0.05	0.0002	
				Arsenic, elemental	7440-38-2	0.03	0.0001	
				Bismuth	7440-69-9	0.1	0.0004	
				Copper (metallic)	7440-50-8	0.5	0.002	
				Silver	7440-22-4	3	0.012	
				Tin	7440-31-5	96.2701	0.387	
6	KNOB	PA6	0.081	Plastic:PA6	Trade secret	99	21.515	21.733
				epsilon-Caprolactam	105-60-2	1	0.217	
7	1-3 TERMINALS	STEEL	0.078108	Iron	7439-89-6	99.55	20.862	20.957
				Manganese	7439-96-5	0.3	0.063	
				Carbon	7440-44-0	0.075	0.016	
				Phosphorus	7723-14-0	0.05	0.010	
				Sulphur	7704-34-9	0.025	0.005	
8	1-3 TERMINAL GROUND PLATING	GNi	0.000443	Nickel	7440-02-0	99.75	0.119	0.119
				Misc., not to declare	-	0.25	0.0003	
9	1-3 TERMINAL PLATING	Sn	0.001449	Tin	7440-31-5	99.75	0.388	0.389
				Misc., not to declare	-	0.25	0.001	
10	2 TERMINAL	STEEL	0.051747	Iron	7439-89-6	99.695	13.842	13.884
				Manganese	7439-96-5	0.225	0.031	
				Carbon	7440-44-0	0.05	0.007	
				Phosphorus	7723-14-0	0.015	0.002	
				Sulphur	7704-34-9	0.015	0.002	
11	2 TERMINAL GROUND PLATING	Ni	0.000293	Nickel	7440-02-0	99.75	0.078	0.079
				Misc., not to declare	-	0.25	0.0002	
12	2 TERMINAL PLATING	Sn	0.00096	Tin	7440-31-5	99.75	0.257	0.258
				Misc., not to declare	-	0.25	0.001	
13	MOVING CONTACT	COPPER ALLOY	0.025	Lead	7439-92-1	0.015	0.001	6.708
				Nickel	7440-02-0	18	1.207	
				Copper (metallic)	7440-50-8	64	4.293	
				Iron	7439-89-6	0.125	0.008	
				Zinc	7440-66-6	17.61	1.181	

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			Manganese	7439-96-5	0.25	0.017	
	Total weight	0.37271					

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Important remarks:

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