


# MATERIAL DECLARATION



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

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	0.709	35.450
				Silica, Crystalline	14808-60-7	3	1.064	
				Aluminum oxide	1344-28-1	95	33.678	
2	ELECTRODE	GLASS Ag-Pd	0.001	Copper (metallic)	7440-50-8	0.63	0.002	0.273
				Palladium	7440-05-3	3.8	0.010	
				Silver	7440-22-4	92	0.251	
				Glass without declarable substances	-	1	0.003	
				Misc., not to declare	-	2.57	0.007	
3	RESISTANCE ELEMENT	METAL GLAZED RESISTORS	0.0012	Copper oxide	1317-38-0	1.82	0.006	0.327
				Silver	7440-22-4	1.56	0.005	
				Tin oxide	18282-10-5	2.34	0.008	
				Hafnium(IV) oxide	12055-23-1	0.77	0.003	
				Ruthenium(IV) oxide	12036-10-1	18.16	0.059	
				Glass without declarable substances	Trade secret	46.78	0.153	
				Zirconium oxide	1314-23-4	28.57	0.093	
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	
				Talc	14807-96-6	1.9	0.00005	

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				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	0.409
				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	0.0020	
				Silver	7440-22-4	3	0.0123	
				Tin	7440-31-5	96.2701	0.394	
6	KNOB	PA6	0.081	Plastic:PA6	Trade secret	99	21.867	22.088
				epsilon-Caprolactam	105-60-2	1	0.221	
7	1-3 TERMINALS	STEEL	0.067368	Iron	7439-89-6	99.55	18.288	18.371
				Manganese	7439-96-5	0.3	0.055	
				Carbon	7440-44-0	0.075	0.014	
				Phosphorus	7723-14-0	0.05	0.009	
				Sulphur	7704-34-9	0.025	0.005	
8	1-3 TERMINAL GROUND PLATING	GNi	0.000382	Nickel	7440-02-0	99.75	0.104	0.104
				Misc., not to declare	-	0.25	0.0003	
9	1-3 TERMINAL PLATING	Sn	0.00125	Tin	7440-31-5	99.75	0.34	0.341
				Misc., not to declare	-	0.25	0.0009	
10	2 TERMINAL	STEEL	0.056629	Iron	7439-89-6	99.695	15.395	15.442
				Manganese	7439-96-5	0.225	0.035	
				Carbon	7440-44-0	0.05	0.008	
				Phosphorus	7723-14-0	0.015	0.002	
				Sulphur	7704-34-9	0.015	0.002	
11	2 TERMINAL GROUND PLATING	Ni	0.000321	Nickel	7440-02-0	99.75	0.087	0.088
				Misc., not to declare	-	0.25	0.0002	
12	2 TERMINAL PLATING	Sn	0.00105	Tin	7440-31-5	99.75	0.286	0.286
				Misc., not to declare	-	0.25	0.0007	
13	MOVING CONTACT	COPPER ALLOY	0.025	Lead	7439-92-1	0.015	0.001	6.817
				Nickel	7440-02-0	18	1.227	
				Copper (metallic)	7440-50-8	64	4.363	
				Iron	7439-89-6	0.125	0.009	
				Zinc	7440-66-6	17.61	1.201	

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			Manganese	7439-96-5	0.25	0.017	
	Total weight	0.36671					

**This Document was updated on:11/26/2024**

**Important remarks:**

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