


# MATERIAL DECLARATION



Material Number	3262 (50KΩ to 500KΩ) LF			
Product Line	Trimpot® Trimmers			
Original Compliance Date	March 2005 <b>Updated March 1, 2021</b>			
RoHS Compliant	RoHS 3.0	MSL	<b>N/A</b>	

No.	Construction Element (subpart)	Homogeneous Material	Material weight [g]	Homogeneous Material	CASRN	Materials Mass %	Subpart mass of total wt. (%)
				Substances	if applicable		
1	Contact Spring	Nickel Silver	0.007	Copper	7440-50-8	65	1.82
				Nickel	7440-02-0	18	
				Zinc	7440-66-6	17	
2	Housing	Polybutylene terephthalate	0.164	Polybutylene terephthalate	30965-26-5	49	42.60
				Glass fiber	65997-17-3	35	
				Brominated flame retardant	trade secret	10	
				Antimony trioxide	1309-64-4	6	
3	Rotor	Nylon	0.025	Polyamide 66	32131-17-2	60	6.49
				Glass fiber	65997-17-3	30	
				Carbon Black	1333-86-4	2	
				Tetrafluoroethylene polymer	9002-84-0	8	
4	Potting	Epoxy	0.035	Epoxy resin	25068-38-6	64	9.09
				Antimony trioxide	1309-64-4	11	
				Aluminum oxide	1344-28-1	10	
				Kaolin clay	1332-58-7	6	
				Mg alumina silicate	1302-88-1	9	
5	Shaft	Brass	0.049	Copper	7440-50-8	62	12.73
				Zinc	7440-66-6	35.05	
				Iron	7439-89-6	0.35	
				Lead	7439-92-1	2.6	
6	Substrate	Ceramic	0.06	Aluminum oxide	1344-28-1	96	15.58
				Silicon dioxide	7631-86-9	2	

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				Magnesium oxide	1309-48-4	1	
				Calcium oxide	1305-78-8	1	
7	Termination Ink	Ink	0.001	Silver	7440-22-4	94	0.26
				Palladium	7440-05-3	3	
				Copper	7440-50-8	1.2	
				Bismuth	7440-69-9	2	
				Silver	7440-22-4	9	
8	Resistive Ink	Ink	0.002	Boron	7440-42-8	10	0.52
				Silicon	7440-21-3	10	
				Calcium	7440-70-2	10	
				Ruthenium dioxide	12036-10-1	42	
				Barium	7440-39-3	2	
				Carbon	7440-44-0	1.5	
				Titanium	7440-32-6	2	
				Copper	7440-50-8	5.0	
				Aluminum	7429-90-5	5.5	
				Zinc	7440-66-6	1.5	
				Magnesium	7439-95-4	1	
9	Terminals	Copper	0.040	Copper	7440-50-8	99.999	10.65
				Oxygen	7782-44-7	0.001	
		Plating	0.001	Tin	7440-31-5	100	
10	Lubricant	Lubricant	0.001	Polydimethylsiloxane	63148-62-9	58	0.260
				Dimethyl siloxane	70131-67-8	9.5	
				Silica, amorphous	7631-86-9	12.5	
				Siloxane/silicones	63148-56-1	14	
				Tetrafluoroethene	9002-84-0	6	
		Total Weight	0.385				

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**This Document was updated on: March 1, 2021**

**Important remarks:**

1. It is the responsibility of the user to verify they are accessing the latest version.
2. Non-RoHS compliant versions available without the LF suffix – plating is SnPb
3. RoHS exemption: 6c – lead in copper alloy