

# MATERIAL DECLARATION



Material Number	3269 LF (201Ω to 50KΩ)			
Product Line	Trimpot® Trimmers			
Original Compliance Date	March 1, 2005			
<b>UPDATED</b>	<b>January 25, 2022</b>			
RoHS Compliant	RoHS 3.0	MSL	<b>2</b>	

No.	Construction Element (subpart)	Homogeneous Material	Material weight [g]	Homogeneous Material	CASRN	Materials Mass %	Material Mass % of total unit wt.	Subpart mass of total wt. (%)
				Substances	if applicable			
1	Contact Spring	Nickel/Silver	0.007	Copper	7440-50-8	59	1.07	1.82
				Nickel	7440-02-0	12	0.218	
				Zinc	7440-66-6	29	0.527	
2	Housing	PEEK	0.159	Polyetheretherketone	31694-16-3	70	28.9	41.3
				Glass Fiber	65997-17-3	30	12.4	
3	Rotor	Nylon	0.025	Polyphthalamide	27135-32-6	66	4.29	6.49
				Glass Fiber	65997-17-3	33	2.14	
				Titanium Dioxide	13463-67-7	1	0.0649	
4	Potting	Epoxy	0.04	Epoxy resin	25068-38-6	42	4.36	10.4
				Aluminum trihydrate	21645-51-2	22	2.28	
				Magnesium alumino silicate	1327-43-1	11	1.14	
				Kaolin hydrous	1332-58-7	12	1.25	
				Resin	2210-79-9	12	1.25	
				Pigment	147-14-8	0.5	0.05	
Titanium dioxide	13463-67-7	0.5	0.05					

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5	Shaft	Brass	0.039	Copper	7440-50-8	62	6.28	12.7
				Zinc	7440-66-6	35.05	3.55	
				Iron	7439-89-6	0.35	0.0355	
				Lead	7439-92-2	2.6	0.263	
		Plating	0.010	Nickel	7440-02-0	100	2.60	
6	Substrate	Ceramic	0.06	Aluminum Oxide	1344-28-1	96	15.0	15.6
				Silicon Dioxide	7631-86-9	2	0.312	
				Magnesium Oxide	1309-48-4	1	0.156	
				Calcium Oxide	1305-78-8	1	0.156	
7	Termination Ink	Ink	0.001	Silver	7440-22-4	80.3	0.209	0.260
				Palladium	7440-05-3	3.7	0.00961	
				Copper Oxide	1317-39-1	1.2	0.00312	
				Glass w/o declarables	65997-17-3	9.36	0.0243	
				Barium	7440-39-3	2.72	0.00706	
				Boron	7440-42-8	2.72	0.00706	
8	Resistive Ink	Ink	0.002	Silver	7440-22-4	27.5	0.143	0.519
				Boron	7440-42-8	16	0.0831	
				Silicon	7440-21-3	16	0.0831	
				Barium carbonate	7440-39-3	7	0.0364	
				Calcium	7440-44-0	7	0.0364	
				Ruthenium dioxide	7440-70-2	16	0.0831	
				Titanium dioxide	12036-10-1	0.2	0.00104	
				Magnesium carbonate	7440-32-6	1.1	0.00571	
				Copper oxide	7439-95-4	1.1	0.00571	
				Manganese	7440-50-8	1.1	0.00571	
Aluminum	7439-96-5	7	0.0364					
9	Terminals	Copper	0.04	Copper	7440-50-8	100	10.4	10.7
		Plating	0.001	Tin	7440-31-5	100	0.260	

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10	Lubricant	Lubricant	0.001	Polydimethylsiloxane	63148-62-9	58	0.151	0.260
				Dimethyl siloxane	70131-67-8	9.5	0.0247	
				Silica, amorphous	7631-86-9	12.5	0.0325	
				Siloxane/silicones	63148-56-1	14	0.0364	
				Tetrafluoroethene	9002-84-0	6	0.0156	
		Total Weight	0.385					

**This Document was updated on: January 25, 2022**

**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. Item 9 plating for non-compliant model is 90/10 SnPb.