


# MATERIAL DECLARATION



Material Number	3269 LF (51kΩ to 500KΩ)			
Product Line	Trimpot® Trimmers			
Original Compliance Date	3-1-2005 <b>Updated March 1, 2021</b>			
RoHS Compliant	RoHS 3.0			

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	PEEK	0.159	Polyetheretherketone	31694-16-3	70	41.30
				Glass Fiber	65997-17-3	30	
3	Rotor	Nylon	0.025	Polyphthalamide	27135-32-6	66	6.49
				Glass Fiber	65997-17-3	33	
				Titanium Dioxide	13463-67-7	1	
4	Potting	Epoxy	0.04	Epoxy Resin	25068-38-6	64	10.39
				Antimony Trioxide	1309-64-4	11	
				Aluminum Oxide	1344-28-1	10	
				Kaolin Clay	1332-58-7	6	
				Magnesium Alumina Silicate	1302-88-1	9	
5	Shaft	Brass	0.049	Copper	7440-50-8	70	12.73
				Zinc	7440-66-6	29.99	
				Nickel (plating)	7440-02-0	0.01	
6	Substrate	Ceramic	0.06	Aluminum Oxide	1344-28-1	96	15.58
				Silicon Dioxide	7631-86-9	2	
				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	

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				Copper	7440-69-9	1.2	
				Bismuth	7440-50-8	2	
8	Resistive Ink	Ink	0.002	Silver	7440-22-4	27.5	0.52
				Boron	7440-42-8	16	
				Silicon	7440-21-3	16	
				Calcium	7440-70-2	4	
				Ruthenium dioxide	12036-10-1	3	
				Barium	7440-39-3	7	
				Carbon	7440-44-0	23	
				Titanium	7440-32-6	0.2	
				Copper	7440-50-8	0.6	
				Aluminum	7429-90-5	0.5	
				Zinc	7440-66-6	1.1	
				Magnesium	7439-95-4	1.1	
				9	Terminals	Copper	
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				

**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. Item 9 plating for non-compliant model is 90/10 SnPb.
3. RoHS exemption: 6c – copper alloy containing up to 4% lead by weight...