

# MATERIAL DECLARATION SHEET



Material Number	3386 (250Ω - 50KΩ) LF series		
Product Line	Trimpot® Trimmers		
Original Compliance Date	2-17-2005 <b>Updated January 12, 2021</b>		
RoHS Compliant	RoHS 3.0	MSL	N/A



No.	Construction Element (Subpart)	Homogeneous Material	Material Weight (g)	Homogeneous Material	CASRN	Material Mass %	Subpart mass of total wt. (%)
				Substance			
1	Contact Spring	Nickel Silver	0.0059	Nickel	7440-02-0	18	0.75
				Copper	7440-50-8	55	
				Zinc	7440-66-6	27	
2	Housing	PBT	0.333	Polybutylene Terephthalate	30965-26-5	49	42.57
				Glass Fiber	65997-17-3	35	
				Brominated Flame Retardant	trade secret	10	
				Antimony Trioxide	1309-64-4	6	
3	Rotor	PBT	0.073	Polybutylene Terephthalate	30965-26-5	49	9.33
				Glass Fiber	65997-17-3	35	
				Brominated Flame Retardant	trade secret	10	
				Antimony Trioxide	1309-64-4	6	
4	Potting	Epoxy	0.092	Epoxy Resin	25085-99-8	49	11.76
				Antimony Trioxide	1309-64-4	11	
				Silicon Dioxide	7440-21-3	11	
				Aluminum Oxide	1344-28-1	11	
				Kaolin Clay	1332-58-7	9	
				Magnesium Alumina Silicate	1302-88-1	9	
5	UV Epoxy	Epoxy	0.0001	Cycloaliphatic Epoxide	trade secret	40	0.01
				Polyether polyol Resins	39072-02-1	15	
				Silicon Dioxide	67762-90-7	25	
				Hydrated Alumina	21645-51-2	20	
6	O-ring	Rubber	0.005	Silicone Rubber	63394-02-5	100	0.64

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7	Substrate	Alumina	0.144	Alumina	1344-28-1	96	18.41
				Silicon Oxide	7631-86-9	2	
				Magnesium Oxide	1309-48-4	1	
				Calcium Oxide	1305-78-8	1	
8	Termination Ink	Ink	0.002	Silver	7440-22-4	94	0.26
				Palladium	7440-05-3	3	
				Copper	7440-50-8	1.2	
				Bismuth	7440-69-9	2	
9	Resistive Ink (10Ω to	Ink	0.0076	Silver	7440-22-4	27.5	0.97
				Boron	7440-42-8	18	
				Silicon	7440-21-3	17	
				Barium	7440-39-3	4	
				Calcium	7440-70-2	7.5	
				Ruthenium dioxide	12036-10-1	16	
				Titanium	7440-32-6	0.2	
				Magnesium	39409-82-0	0.6	
				Copper	7440-50-8	1.1	
				Manganese	7439-96-5	1.1	
				Aluminum	7429-90-5	7	
10	Terminals	Copper	0.116	Copper	7440-50-8	100	14.83
11	Lubricant	Lubricant	0.0001	Polydimethylsiloxane	63148-62-9	58	0.01
				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	
12	Coating	Solder	0.0022	Tin	7440-31-5	100	0.28
13	Seal Ball	Stainless Steel	0.0014	Stainless Steel	65997-19-5	100	0.18
		Total Weight	0.7823				

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**This Document was updated on: 1/12/2021**

**Important remarks:**

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