


# MATERIAL DECLARATION SHEET



Material Number	3269 LF (251Ω to 50KΩ)			
Product Line	Trimmer			
Compliance Date	3-1-2005			
RoHS Compliant	Yes DC 509	MSL	2	

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	Ni/Ag	0.007	Copper	7440-50-8	65	1.1852	1.82
				Nickel	7440-02-0	18	0.3282	
				Zinc	7440-66-6	17	0.3100	
2	Housing	PEEK	0.159	Polyetheretherketone	31694-16-3	70	28.9919	41.42
				Glass Fiber	65997-17-3	30	12.4251	
3	Rotor	Nylon	0.025	Polyphthalamide	27135-32-6	66	4.2980	6.51
				Glass Fiber	65997-17-3	33	2.1490	
				Titanium Dioxide	13463-67-7	1	0.0651	
4	Potting	Epoxy	0.04	Epoxy Resin	25068-38-6	64	6.6684	10.42
				Antimony Trioxide	1309-64-4	11	1.1461	
				Aluminum Oxide	1344-28-1	10	1.0419	
				Kaolin Clay	1332-58-7	6	0.6252	
				Magnesium Alumino Silicate	1302-88-1	9	0.9377	
5	Shaft	Brass	0.049	Copper	7440-50-8	70	8.9346	12.77
				Zinc	7440-66-6	30	3.8291	
				Nickel (plating)	7440-02-0	0.01	0.0013	

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6	Substrate	Ceramic	0.06	Aluminum Oxide	1344-28-1	96	15.0039	15.63
				Silicon Dioxide	7631-86-9	2	0.3126	
				Magnesium Oxide	1309-48-4	1	0.1563	
				Calcium Oxide	1305-78-8	1	0.1563	
7	Termination Ink	Ink	0.0002	Silver	7440-22-4	94	0.0489	0.05
				Palladium	7440-05-3	3	0.0015	
				Copper	7440-69-9	1.2	0.0006	
				Bismuth	7440-50-8	2	0.0011	
8	Resistive Ink	Ink	0.002	Silver	7440-22-4	27.5	0.1433	0.52
				Boron	7440-42-8	16	0.0834	
				Silicon	7440-21-3	16	0.0834	
				Barium	7440-39-3	4	0.0208	
				Carbon	7440-44-0	3.5	0.0182	
				Calcium	7440-70-2	7	0.0365	
				Ruthenium dioxide	12036-10-1	16	0.0834	
				Titanium	7440-32-6	0.2	0.0010	
				Magnesium	7439-95-4	0.6	0.0031	
				Copper	7440-50-8	1.1	0.0057	
				Manganese	7439-96-5	1.1	0.0057	
				Aluminum	7429-90-5	7	0.0365	
9	Terminals	Copper	0.04	Copper	7440-50-8	100	10.4194	10.73
		Plating	0.0012	Tin	7440-31-5	100	0.3126	
10	Lubricant	Silicone	0.0005	Polydimethylsiloxane	63148-62-9	24	0.0313	0.13
				Silica, Amorphous	7631-86-9	3	0.0039	
				Siloxane/Silicones	63148-56-1	73	0.0951	
			Total Weight	0.3839				

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**This Document was updated on: 11-3-2017**

**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 on terminals (item 9) is 90/10 SnPb for non-compliant version.
3. RoHS exemptions: 6c – copper alloy containing up to 4% lead by weight.