

# MATERIAL DECLARATION SHEET



Material Number	3352 (10Ω to 300Ω) LF Series			
Product Line	Trimmer			
Compliance Date	2/17/2005			
RoHS Compliant	Yes DC 509	MSL		

No.	Construction Element (Subpart)	Homogeneous Material	Material Weight (g)	Homogeneous Material	CASRN	Material Mass %	Material Mass % of total unit wt.	Subpart mass of total wt. (%)
				Substance				
1	Contact Spring	Ni/Ag	0.0054	Copper	7440-50-8	65	0.6931	1.07
				Nickel	7440-02-0	18	0.1919	
				Zinc	7440-66-6	17	0.1813	
2	Rotor	Nylon	0.162	PA 9T	169284-22-4	43	13.7559	31.99
				Brominated polystyrene	88497-56-7	23	7.3578	
				Glass fiber	65997-17-3	34	10.8768	
3	Substrate	Ceramic	0.258	Aluminum oxide	1344-28-1	96	48.9100	50.95
				Silicon dioxide	7631-86-9	2	1.0190	
				Magnesium oxide	1309-48-4	1	0.5095	
				Calcium oxide	1305-78-8	1	0.5095	
4	Termination Ink	Ink	0.004	Silver	7440-22-4	59	0.4660	0.79
				Palladium	7440-05-3	24	0.1896	
				Lead oxide glass	1317-36-8	9	0.0711	
				Bismuth trioxide	1304-76-3	6	0.0474	
				Silicon dioxide	7631-86-9	1	0.0079	
				Barium oxide	1304-28-5	1	0.0079	
5	Resistive Ink	Ink	0.006	Silver	7440-22-4	20	0.2370	1.18
				Palladium	7440-05-3	30	0.3555	
				Calcium Silicate borate glass	59794-15-9	49	0.5806	
				Manganese dioxide	1313-13-9	1	0.0118	

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6	Terminals	Copper	0.067	Copper	7439-89-6	100	13.2306	14.02
		Plating	0.004	Tin	7440-31-5	100	0.7899	
		Total Weight	0.5064					

**This Document was updated on: 4-1-2013**

**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
- 3. See RoHS Certificate of Compliance for exemptions used, if any.