


# MATERIAL DECLARATION SHEET

Material Number	3292 (1.01MΩ to 2MΩ) LF			
Product Line	Trimmer			
Compliance Date	3-9-2011			
RoHS Compliant	Yes DC 509	MSL	N/A	

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	Stainless Steel 302	0.007	Carbon	7440-44-0	0.18	0.0016	0.89
				Manganese	7439-96-5	2	0.0177	
				Phosphorus	7723-14-0	0.045	0.0004	
				Sulfur	7704-34-9	0.03	0.0003	
				Silicon	7440-21-3	0.75	0.0067	
				Chromium	7440-47-3	17	0.1507	
				Nickel	7440-02-0	8	0.0709	
Iron	7439-89-6	71.995	0.6384					
2	Rotor	Nylon	0.038	Polyamide 66	32131-17-2	60	2.8883	4.81
				Glass fiber	65997-17-3	30	1.4441	
				Carbon black	7440-44-0	2	0.0963	
				Tetrafluoroethylene polymer	9002-84-0	8	0.3851	
3	Housing	Polybutylene terephthalate	0.2949	Polybutylene terephthalate	30965-26-5	55	20.5466	37.36
				Glass fiber	65997-17-3	30	11.2072	
				Antimony trioxide	1309-64-4	4	1.4943	
				Brominated FR (Tetrabromobisphenol A polycarbonate polymer)	trade secret	11	4.1093	

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4	Potting	Epoxy	0.078	Epoxy resin	25068-38-6	64	6.3238	9.88
				Antimony trioxide	1309-64-4	11	1.0869	
				Aluminum oxide	1344-28-1	10	0.9881	
				Kaolin clay	1332-58-7	6	0.5929	
				Magnesium alumino silicate	1302-88-1	9	0.8893	
5	Shaft	Brass	0.102	Copper	7440-50-8	62	8.0111	12.92
				Zinc	7440-66-6	35.05	4.5289	
				Iron	7439-89-6	0.35	0.0452	
				Lead	7439-92-1	2.6	0.3360	
				Nickel (plating)	7440-02-0	0.01	0.0013	
6	Substrate	Ceramic	0.144	Aluminum oxide	1344-28-1	96	17.5120	18.24
				Silicon dioxide	7631-86-9	2	0.3648	
				Magnesium oxide	1309-48-4	1	0.1824	
				Calcium oxide	1305-78-8	1	0.1824	
7	Termination Ink	Ink	0.004	Silver	7440-22-4	94	0.4753	0.51
				Palladium	7440-05-3	3	0.0147	
				Bismuth	7440-69-9	1.0	0.0051	
				Copper	7440-50-8	2	0.0106	
8	Resistive Ink	Ink	0.005	Ruthenium Dioxide	12036-10-1	9.7	0.0614	0.63
				Lead	7439-92-1	30.1	0.1907	
				Boron	7440-42-8	30.1	0.1907	
				Silicon	7440-21-3	30.1	0.1907	
9*	Terminals	Copper	0.113	Copper	7440-50-8	99.999	14.3145	14.75
		Oxygen	0.0034	Oxygen	7782-44-7	0.001	0.0001	
		Plating	0.0034	Tin	7440-31-5	100	0.4307	
10	Lubricant	Lubricant	0.0001	Polydimethylsiloxane	63148-62-9	58	0.0073	0.01
				Dimethyl siloxane	70131-67-8	9.5	0.0012	
				Silica, amorphous	7631-86-9	12.5	0.0016	
				Siloxane/silicones	63148-56-1	14	0.0018	
				Tetrafluoroethane	9002-84-0	6	0.0008	

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Total Weight	0.7894
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**This Document was updated on: 12-21-2019**

**Important remarks:**

1. It is the responsibility of the user to verify they are accessing the latest version.
2. Non RoHS complaint versions available without the LF suffix
3. \*Optional lead wires terminals available for this model