


MATERIAL DECLARATION SHEET



Material Number	3059L Series			
Product Line	Trimmer			
Compliance Date	3-1-2005			
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	Lubricant	Lube	0.0009	Polydimethylsiloxane	63148-62-9	58	0.0204	0.04
				Dimethyl siloxane	70131-67-8	9.5	0.0033	
				Silica, amorphous	7631-86-9	12.5	0.0044	
				Siloxane/silicones	63148-56-1	14	0.0049	
				Tetrafluoroethane	9002-84-0	6	0.0021	
2	Epoxy	Epoxy	0.112	Epoxy resin	25068-38-6	64	2.8013	4.38
				Antimony trioxide	1309-64-4	11	0.4815	
				Aluminum oxide	1344-28-1	10	0.4377	
				Kaolin clay	1332-58-7	6	0.2626	
				Magnesium alumino silicate	1302-88-1	9	0.3939	
3	Post	PBT	0.034	Polybutylene terephthalate	30965-26-5	64	0.8504	1.33
				Glass fiber	65997-17-3	18	0.2392	
				Antimony trioxide	1309-64-4	4	0.0531	
				Brominated FR (TBBPA polycarbonate polymer)	trade secret	13	0.1727	
				Carbon black	1333-86-4	1	0.0133	
4	Substrate	Ceramic	0.358	Aluminum oxide	1344-28-1	96	13.4313	13.99
				Silicon dioxide	7631-86-9	2	0.2798	
				Magnesium oxide	1309-48-4	1	0.1399	
				Calcium oxide	1305-78-8	1	0.1399	

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5	Contact Spring	Nickel Silver	0.0264	Copper	7440-50-8	65	0.6706	1.03
				Nickel	7440-02-0	18	0.1857	
				Zinc	7440-66-6	17	0.1754	
6	Shaft	Brass	0.358	Copper	7440-50-8	61.5	8.6044	13.99
				Zinc	7440-66-6	35.5	4.9668	
				Lead	7439-92-1	3	0.4197	
7	Cover	PBT	1.0567	Polybutylene terephthalate	30965-26-5	55	22.7132	41.30
				Glass fiber	65997-17-3	30	12.3890	
				Antimony trioxide	1309-64-4	4	1.6519	
				Brominated FR (TBBPA polycarbonate polymer)	trade secret	11	4.5426	
8	Termination Ink	Ink	0.0023	Silver	7440-22-4	96.00	0.0863	0.09
				Copper oxide	1317-39-1	1.2	0.0011	
				Bismuth trioxide	1304-76-3	1.2	0.0011	
				Lead oxide	1317-36-8	1.1	0.0010	
				Boron oxide	1303-86-2	0.5	0.0004	
9	Resistive Ink	Ink	0.036	Ruthenium Dioxide	12036-10-1	9.7	0.1368	1.41
				Boron oxide	1303-86-2	3.5	0.0494	
				Silicon dioxide	7631-86-9	10.4	0.1466	
				Lead oxide	1317-36-8	76.4	1.0772	
10	Terminals	Copper	0.1005	Copper	7440-50-8	100	3.9276	22.45
		Plating		Tin	7440-31-5	100	3.9276	
	Colored Lead Wires	Copper	0.474	Copper	7440-50-8	100	18.5243	
		Silver Plated		Silver	7440-22-0	100	18.5243	
		Teflon		Polytetrafluoroethylene	9002-84-0	100	18.5243	
		Total Weight		2.5588				

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This Document was updated on: 5-8-2012

Important remarks:

1. It is the responsibility of the user to verify they are accessing the latest version.
2. Please see RoHS certificate of compliance for exemptions used, if any.