


MATERIAL DECLARATION SHEET



Material Number	3329 M, S, W, X Series			
Product Line	Trimmer			
Compliance Date	2/17/2005			
RoHS Compliant	Yes DC 509	MSL	1	

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	0.0112	Copper	7440-50-8	59	1.1696	1.98
				Nickel	7440-02-0	12	0.2379	
				Zinc	7440-66-6	29	0.5749	
2	Rotor	PBT	0.0568	Polybutylene terephthalate	30965-26-5	55	5.5292	10.05
				Glass fiber	65997-17-3	30	3.0159	
				Antimony trioxide	1309-64-4	4	0.4021	
				Brominated FR (TBBPA polycarbonate polymer)	trade secret	11	1.1058	
3	Seal O-Ring	Rubber	0.002	Silicon Rubber	63394-02-5	100	0.3540	0.35
4	Cover	Stainless Steel	0.0891	Carbon	7440-44-0	0.18	0.0284	15.77
				Manganese	7439-96-5	2	0.3154	
				Phosphorus	7723-14-0	0.045	0.0071	
				Sulfur	7704-34-9	0.03	0.0047	
				Silicon	7440-21-3	0.75	0.1183	
				Chromium	7440-47-3	17	2.6809	
				Nickel	7440-02-0	8	1.2616	
				Iron	7439-89-6	71.995	11.3535	
5	Adaptor	PBT	0.1229	Polybutylene terephthalate	30965-26-5	55	11.9637	21.75
				Glass fiber	65997-17-3	30	6.5257	
				Antimony trioxide	1309-64-4	4	0.8701	
				Brominated FR (TBBPA polycarbonate polymer)	trade secret	11	2.3927	

MATERIAL DECLARATION SHEET



6	Substrate	Ceramic	0.156	Aluminum oxide	1344-28-1	96	26.5062	27.61
				Silicon dioxide	7631-86-9	2	0.5522	
				Magnesium oxide	1309-48-4	1	0.2761	
				Calcium oxide	1305-78-8	1	0.2761	
7	Termination Ink	Ink	0.004	Silver	7440-22-4	59	0.4177	0.71
				Palladium	7440-05-3	24	0.1699	
				Lead oxide glass	1317-36-8	9	0.0637	
				Bismuth trioxide	1304-76-3	6	0.0425	
				Silicon dioxide	7631-86-9	1	0.0071	
				Barium oxide	1304-28-5	1	0.0071	
8	Resistive Ink	Ink	0.005	Ruthenium Dioxide	12036-10-1	35	0.3097	0.88
				Calcium Silicate borate glass	59794-15-9	46	0.4071	
				Silver	7440-22-4	7	0.0619	
				Titanium dioxide	13463-67-7	5	0.0442	
				Manganese dioxide	1313-13-9	6	0.0531	
				Cuprous oxide	1317-39-1	1	0.0088	
9	Terminals	Copper	0.115	Copper	7439-89-6	100	20.3540	20.88
		Plating	0.003	Tin	7440-31-5	100	0.5310	
		Total Weight	0.565					

This Document was updated on: 11-3-2011

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.