


MATERIAL DECLARATION SHEET



Material Number	6639S			
Product Line	Precision Potentiometer			
Compliance Date	1991			
RoHS Compliant	Yes	MSL	N/A	

No.	Construction Element (subpart)	Homogeneous Material	Material weight [g]	Homogeneous Material/ Substances	CASRN if applicable	Materials Mass %	Material Mass % of total unit wt.	Subpart mass of total wt. (%)
1	Cover	DAP Compound	1.8	Antimony Trioxide	1309-64-4	5	0.534	10.682
				Aluminum Trihydrate	21645-51-2	15	1.602	
				Diallyl Phthalate	1344-28-1	50	5.341	
				Glass Fiber	65997-17-3	30	3.205	
2	Terminal	Brass	0.125	Copper	7440-50-8	61.5	0.456	0.742
				Lead	7439-92-1	3	0.022	
				Zinc	7440-66-6	35.5	0.263	
		Under Plating	0.000057	Nickel	7440-02-0	100	0.0003	0.0003
Under Plating	0.000057	Gold	7440-57-5	100	0.0003	0.0003		
3	Terminal X 2	Brass	0.25	Copper	7440-50-8	61.5	0.912	1.484
				Lead	7439-92-1	3	0.045	
				Zinc	7440-66-6	35.5	0.527	
		Under Plating	0.0001	Nickel	7440-02-0	100	0.0006	0.0006
Under Plating	0.0001	Gold	7440-57-5	100	0.0006	0.0006		
4	Resistive Ink	Ink	0.003	Phenolic Resin		67	0.012	0.018
				Teflon	9002-84-0	1	0.0002	
				Fume Silica	112945-52-5	1	0.0002	
				Barium Sulfate	7727-43-7	17	0.003	
				Titanium Dioxide	13463-67-7	5	0.0009	
Carbon Black	1333-86-4	9	0.002					

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6	Termination Ink	Ink	0.0005	Phenolic Resin	9039-25-2	13	0.0004	0.003
				Silver	7440-22-4	86	0.003	
				Graphite	7782-42-5	1	0.00003	
7	Epoxy	Epoxy	0.0004	Bisphenol A Polyglycidyl Ether	25068-38-6	27	0.0003	0.002
				Butyl Glydicyl Ether	2426-08-6	9	0.002	
				Silver	7440-22-4	64	0.00002	
8	Rotor	Nylon	0.9	Polyamide		85	4.539	5.341
				Glass	65997-17-3	15	0.801	
9	Shaft	Stainless Steel	6.85	Carbon	7440-44-0	0.15	0.061	40.652
				Manganese	7439-96-5	2	0.813	
				Silicon	7440-21-3	1	0.407	
				Chromium	7440-47-3	18	7.317	
				Nickel	7440-02-0	9	3.659	
				Iron	7439-89-6	69.7	28.334	
				Sulfur	7704-34-9	0.15	0.061	
10	Contact Spring	Metal	0.0236	Copper	7440-50-8	77	0.108	0.14
				Tin	7440-31-5	7	0.009	
				Nickel	7440-02-0	15	0.021	
				Manganese	7439-96-5	0.2	0.0003	
				Other		0.8	0.001	
	Tip	Palmet	0.00332	Copper	7440-50-8	16	0.003	0.019
				Nickel	7440-02-0	1	0.0002	
				Palladium	7440-05-3	1	0.0002	
				Platinum	7440-22-4	44	0.009	
				Silver	7440-22-4	38	0.008	
11	Housing	PBT	2.102	Glass	65997-17-3	30	3.742	12.475
				Poly(butylene terephthalate)	30965-26-5	64	7.984	
				Antimony Compounds	7440-36-0	3	0.374	
				Antimony Oxide	1309-64-4	3	0.374	

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12	Bushing	Brass	4.7923	Copper	7440-50-8	61.5	17.491	28.44
				Lead	7439-92-1	3	0.853	
				Zinc	7440-66-6	35.5	10.096	
		Total weight	16.85					

This Document was updated on: August 7, 2006

Important remarks:

1. It is the responsibility of the user to verify they are accessing the latest version.