


MATERIAL DECLARATION SHEET



Material Number	PTP			
Product Line	Rotary Potentiometer			
Compliance Date	May 4, 2006			
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	Terminal	Steel	0.12	Carbon	7440-44-0	0.04	0.001	3.510
				Manganese	7439-96-5	0.29	0.010	
				Phosphorus	7803-51-2	0.014	0.0005	
				Sulfur	7704-34-9	0.008	0.0003	
				Silicon	7440-21-3	0.01	0.0004	
				Aluminum	7429-90-5	0.051	0.002	
				Iron	7439-89-6	99.587	3.495	
		Plating	Tin	7440-31-5	100	3.510		
2	Element	Bakelite	0.16	Silica Fused	60676-86-0	75	3.510	4.680
				Epoxy, Cresol Novolac	39690-82-2	15	0.702	
				Phenol Novolac	9003-35-4	6	0.281	
				Antimony Trioxide	1309-64-4	3	0.140	
				Brominated Epoxy Black	40039-93-8	1	0.047	
3	Block	PBT	0.334	Polybutylene Terephthalate	26062-94-2	70	6.838	9.769
				Glass Fiber	65997-17-3	28	2.735	
				Additives		2	0.195	
4	Push-lock Case	PBT	0.04	Polybutylene Terephthalate	26062-94-2	70	0.819	1.170
				Glass Fiber	65997-17-3	28	0.328	
				Additives		2	0.023	

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5	Slide Contact	Nickel Silver	0.06	Copper	7440-50-8	54.786	0.961	1.755
				Nickel	7440-02-0	17.57	0.308	
				Zinc	7440-66-6	27.26	0.478	
				Lead	7439-92-1	0.001	0.00002	
				Tin	7440-31-5	0.002	0.00004	
				Iron	7439-89-6	0.028	0.0005	
				Manganese	7439-96-5	0.35	0.006	
				Silicon	7440-21-3	0.002	0.00004	
6	Slide Contact Holder	POM	0.085	POM		100	2.486	2.486
7	Push-lock Cam	POM	0.08	POM		100	2.340	2.340
8	Bushing	Zinc	2.4	Zinc	7440-66-6	95.9175	67.330	70.196
				Copper	7440-50-8	0.025	0.018	
				Iron	7439-89-6	0.013	0.009	
				Magnesium	7439-95-4	0.042	0.029	
				Lead	7439-92-1	0.002	0.001	
				Tin	7440-31-5	0.0005	0.0004	
				Aluminum	7429-90-5	4	2.808	
9	Stopper Plate	Zinc	0.14	Zinc	7440-66-6	95.9175	3.928	4.095
				Copper	7440-50-8	0.025	0.001	
				Iron	7439-89-6	0.013	0.001	
				Magnesium	7439-95-4	0.042	0.002	
				Lead	7439-92-1	0.002	0.00008	
				Tin	7440-31-5	0.0005	0.00002	
				Aluminum	7429-90-5	4	0.164	
10	Leaf Spring	Phosphor Bronze	0.0557	Tin	7440-31-5	8.45	0.138	1.629
				Phosphorus	7723-14-0	0.09	0.001	
				Lead	7439-92-1	0.003	0.00005	
				Iron	7439-89-6	0.002	0.00003	
				Zinc	7440-66-6	0.004	0.00007	
				Copper	7440-50-8	99.98	1.629	

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11	Shaft	Aluminum	0.988	Silicon	7440-21-3	0.2	0.03875	28.897
				Iron	7439-89-6	0.4	0.07749	
				Copper	7440-50-8	5.9	1.14298	
				Zinc	7440-66-6	0.15	0.02906	
				Titanium	7440-32-6	0.09	0.01744	
				Tin	7440-31-5	0.64	0.12398	
				Lead	7439-92-1	0.002	0.00039	
				Bismuth	7440-69-9	0.4	0.07749	
				Aluminum	7429-90-5	92.12	17.84599	
				Other		0.09	0.01744	
12	Rivet	Aluminum	0.12	Silicon	7440-21-3	0.2	0.00471	3.510
				Iron	7439-89-6	0.4	0.00941	
				Copper	7440-50-8	5.9	0.13882	
				Zinc	7440-66-6	0.15	0.00353	
				Titanium	7440-32-6	0.09	0.00212	
				Tin	7440-31-5	0.64	0.01506	
				Lead	7439-92-1	0.002	0.00005	
				Bismuth	7440-69-9	0.4	0.00941	
				Aluminum	7429-90-5	92.12	2.16753	
				Other		0.09	0.00212	
13	Push-lock Leaf Spring	Beryllium Copper	0.225	Beryllium	7440-41-7	1.82	0.120	6.581
				Cobalt	7440-48-4	0.01	0.001	
				Nickel	7440-02-0	0.125	0.008	
				Iron	7439-89-6	0.6	0.039	
				Copper	7440-50-8	97.45	6.413	

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14	Push-lock Pin	Stainless Steel	0.0216	Carbon	7440-44-0	0.09	0.001	0.632
				Silicon	7440-21-3	0.66	0.004	
				Manganese	7439-96-5	0.91	0.006	
				Phosphorus	7723-14-0	0.029	0.0002	
				Sulfur	7704-34-9	0.002	0.00001	
				Nickel	7440-02-0	6.91	0.044	
				Cobalt	7440-48-4	17.28	0.109	
				Iron	7439-89-6	74.119	0.468	
15	Push-lock Spring	Piano Wire	0.076	Carbon	7440-44-0	0.81	0.018	2.223
				Silicon	7440-21-3	0.2	0.004	
				Manganese	7439-96-5	0.5	0.011	
				Phosphorus	7723-14-0	0.018	0.0004	
				Sulfur	7704-34-9	0.006	0.0001	
				Cobalt	7440-48-4	0.01	0.0002	
				Iron	7440-89-6	98.456	2.189	
		Total weight	5.1					

This Document was updated on: June 15, 2007

Important remarks:

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