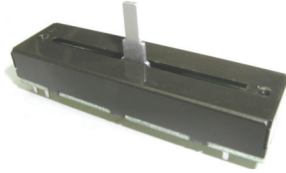


MATERIAL DECLARATION SHEET



Reliable Electronic Solutions

Material Number	PTF01-152A-102B1			
Product Line	Panel Control			
Compliance Date	09-04-'07			
RoHS Compliant	Yes	MSL	N/A	

No.	Construction element (subpart)	Homogeneous material	Material weight [g]	Homogeneous Material/ Substances	CAS if applicable	Materials mass [%]	Material Mass % of total unit wt.	Subpart mass of total wt (%)
1	Contact spring carrier	POM	1.450	Trioxane	110-88-3	96	3.0	3.1
				Dioxolane	646-06-0	3	0.09	
				additive		1	0.01	
2	Slide lever	Steel	1.08	Carbon	7440-44-0	0.04	0.001	2.3 Nickel Plating 2~3um
				Manganese	7439-96-5	0.21	0.005	
				Phosphorus	7803-51-2	0.011	0.0002	
				Sulfur	7704-34-9	0.013	0.0003	
				Silicon	14464-46-1	0.01	0.0002	
				Aluminum	7429-90-5	0.045	0.001	
				Iron	1345-25-1	98.67	2.3	
		Plating	Nickel	7440-02-0	1	0.02		
3	Contact spring	Phosphor Bronze	0.072	Tin	7440-31-5	8.0	0.02	0.2 Ag Plating 0.3~1um
				Phosphorus	7803-51-2	0.35	0.001	
				Lead	7439-92-1	0.02	0.00004	
				Iron	1345-25-1	0.1	0.0002	
				Zinc	7440-66-6	0.2	0.0004	
				Copper	7440-50-8	90.33	0.18	
		Plating	Silver	7440-22-4	1	0.002		
4	Spacer	POM	1.007	Trioxane	110-88-3	96	2.016	2.1
				Dioxolane	646-06-0	3	0.063	
				additive		1	0.021	

MATERIAL DECLARATION SHEET



Reliable Electronic Solutions

5	Prop	Free-Cutting Steel	13.300	Carbon	7440-44-0	0.08	0.022	28.1 Nickel Plating 2~3um	
				Manganese	7439-96-5	1.23	0.345		
				Phosphorus	7803-51-2	0.071	0.02		
				Sulfur	7704-34-9	0.369	0.103		
				Iron	1345-25-1	97.25	27.33		
		Nickel		7440-02-0	1	0.28			
		Nickel Plating							
6	Frame	Steel	22.000	Carbon	7440-44-0	0.04	0.019	46.5 Zinc Plating 5~8um	
				Manganese	7439-96-5	0.21	0.098		
				Phosphorus	7803-51-2	0.011	0.005		
				Sulfur	7704-34-9	0.013	0.006		
				Silicon	4464-46-1	0.01	0.005		
				Aluminum	7429-90-5	0.045	0.021		
				Iron	1345-25-1	98.671	45.881		
		Zinc		7440-66-6	1	0.465			
		Plating							
7	Element	Glass Fiber	7.442	Copper	7440-50-8	10.5	1.65	15.7	
				Epoxy		62	9.73		
				Glass fabrics		27.5	4.32		
	Resistor	Carbon Film		0.068	Xylenol Resin		65	0.065	0.1
					Carbital		20	0.02	
			Carbon	7440-44-0	15	0.015			
8	Terminal	Steel	0.881	Carbon	7440-44-0	0.04	0.0008	1.9 Tin Plating 5~8um	
				Manganese	7439-96-5	0.29	0.0055		
				Phosphorus	7803-51-2	0.014	0.00027		
				Sulfur	7704-34-9	0.008	0.00015		
				Silicon	4464-46-1	0.01	0.0002		
				Aluminum	7429-90-5	0.051	0.00097		
				Iron	7439-89-6	98.587	1.87		
		Tin		7440-31-5	1	0.019			
				Tin Plating					
		Total weight	47.3						

This Document was updated on: 9/4/07

MATERIAL DECLARATION SHEET



Important remarks:

- 1. It is the responsibility of the user to verify they are accessing the latest version.**
- 2. RoHS compliant – exemption used – lead in copper alloy**