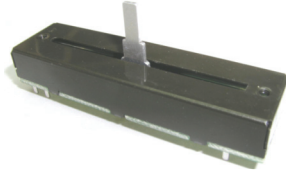


# MATERIAL DECLARATION SHEET



Reliable Electronic Solutions

<b>Material Number</b>	PTF60-152A-103B2			
<b>Product Line</b>				
<b>Compliance Date</b>	09-05-'07			
<b>RoHS Compliant</b>	Yes	<b>MSL</b>	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	Slide contact holder	POM	1.450	Trioxane	110-88-3	96	4.13	4.3
				Dioxolane	646-06-0	3	0.13	
				additive		1	0.04	
2	Lever	Steel	1.080	Carbon	7440-44-0	0.040	0.001	3.2 Nickel Plating 2~3um
				Manganese	7439-96-5	0.210	0.007	
				Phosphorus	7803-51-2	0.011	0.0003	
				Sulfur	7704-34-9	0.013	0.0004	
				Silicon	14464-46-1	0.010	0.0003	
				Aluminum	7429-90-5	0.045	0.001	
		Iron	1345-25-1	98.671	3.2			
Plating	Nickel	7440-02-0	1	0.032				
3	Slide contact	Phosphor Bronze	0.072	Tin	7440-31-5	8	0.016	0.2 Ag Plating 0.3~1um
				Phosphorus	7803-51-2	0.35	0.00007	
				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	0.181	
		Plating	Silver	7440-22-4	1	0.002		
4	Spacer	POM	1.007	Trioxane	110-88-3	96	2.784	2.9
				Dioxolane	646-06-0	3	0.087	
				additive		1	0.029	

# MATERIAL DECLARATION SHEET



Reliable Electronic Solutions

5	Prop	Free-Cutting Steel	9.300	Carbon	7440-44-0	0.080	0.022	27.3 Nickel Plating 2~3um	
				Manganese	7439-96-5	1.230	0.328		
				Phosphorus	7803-51-2	0.071	0.019		
				Sulfur	7704-34-9	0.369	0.101		
				Iron	1345-25-1	97.250	26.55		
		Nickel		7440-02-0	1	0.273			
		Plating							
6	Frame	Steel	14.700	Carbon	7440-44-0	0.040	0.017	43.1 Zinc Plating 5~8um	
				Manganese	7439-96-5	0.210	0.09		
				Phosphorus	7803-51-2	0.011	0.005		
				Sulfur	7704-34-9	0.013	0.0056		
				Silicon	14464-46-1	0.010	0.0043		
				Aluminum	7429-90-5	0.045	0.019		
				Iron	1345-25-1	98.671	42.53		
		Zinc		7440-66-6	1	0.431			
		Plating							
7	Element	Glass Fiber	5.560	Copper	7440-50-8	10.5	1.7	16.3	
				Epoxy		62.0	10.1		
				Glass fabrics		27.5	4.5		
	Resistor	Carbon Film		0.050	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	0.040	0.001	2.6 Tin Plating 5~8um	
				Manganese	7439-96-5	0.290	0.007		
				Phosphorus	7803-51-2	0.014	0.0004		
				Sulfur	7704-34-9	0.008	0.0002		
				Silicon	14464-46-1	0.010	0.0003		
				Aluminum	7429-90-5	0.051	0.0013		
				Iron	1345-25-1	98.587	2.56		
		Tin		7440-31-5	1	0.026			
				Plating					
		Total weight	34.100						

This Document was updated on : **September 24, 2007**

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