


MATERIAL DECLARATION SHEET



Reliable Electronic Solutions

Model #	3900 Pot/ Push momentary	
Product Line	Single turn panel control with switch	
Posted Date		
Compliance Date	Q1 / 2005	
RoHS Compliant	Yes	

No.	Construction element	Material group	Material weight [g]	Materials	CAS if applicable	Average mass [%]	Sum [%]	Traces
1	Body	PPS	0.48	Polyphenylene Sulfide (PPS)	26125-40-6	85%	13.77%	
				15% Glass fibers	65997-17-3	15%		
2	Bushing	Zinc Alloy	1.150	Zinc	7440-66-6	100%	32.98%	
3	Rotor	Nylon	0.08	Polyester	25038-54-4	85%	2.29%	
				15% Glass fibers	65997-17-3	15%		
4	Contact Spring	Nickel Silver Alloy	0.100	Nickel	7440-02-0	18%	2.87%	
				Copper	7440-50-8	55%		
				Zinc	7440-66-6	27%		
5	Stop Plate	Stainless Steel Alloy	0.0066	Iron	7439-89-6	74%	0.19%	
				Chromium	7440-47-3	18%		
				Nickel	7440-02-0	8%		
6	O-ring	Silicone	0.003	Silicone	*****	100%	0.09%	
7	Potting Adhesive	Epoxy	0.040	Epoxy	25068-38-6	87.5%	1.15%	
				Antimony trioxide	1309-64-4	12.5%		
8	Element	Ceramic	0.500	Alumina	1344-28-1	100%	14.34%	
9	Element Pins	Copper Alloy	0.010	Copper	7440-50-8	99.95%	0.29%	
				Phosphorus	7723-14-0	0.05%		
10	Element Pin Plating	Tin	0.003	Tin	7440-31-5	100%	0.09%	



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11	Element term Ink	Conductor ink	0.002	Silver	7440-22-4	60%	0.06%	
				Glass	65997-18-4	5-10%		
				Palladium	7440-05-3	10-30%		
12	Element resistive ink	Conductive plastic ink	0.002	Polyester resin	9039-25-2	77%	0.06%	
				Graphite	7782-42-5	4%		
				Carbon Black	1333-86-4	19%		
13	Actuator	Nylon	0.020	Nylon	25038-54-4	85%	0.57%	
				15% Glass Fibers	65997-17-3	15%		
14	Terminal A	Brass	0.050	Copper	7440-50-8	70%	1.43%	
				Zinc	7440-66-6	30%		
				Silver plating	7440-22-4	Trace		
15	Terminal B	Brass 260	0.040	Copper	7440-50-8	70%	1.14%	
				Zinc	7440-66-6	30%		
				Silver plating	7440-22-4	Trace		
16	Contact spring dome	Stainless steel 304	0.010	Iron	7439-89-6	74%	0.29%	
				Chromium	7440-47-3	18%		
				Nickel	7440-02-0	8%		
17	Shaft	Copper Alloy	0.990	Copper	7440-50-8	100%	28.39%	
		Total weight	3.5					