


MATERIAL DECLARATION SHEET



Reliable Electronic Solutions

Model #	7813J	Single Pole , 2 Position	
Product Line	3 mm Rotary Switch		
Date	June 23, 2004		
RoHS Compliant	Yes		

No.	Construction element	Material group	Material weight [g]	Materials	CAS if applicable	Average mass [%]	Sum [%]
1	Contact Spring	Ni/Ag	0.0002 0.00065 0.0003	Nickel	7440-02-0	.258	1.49
				Copper	7440-50-8	.840	
				Zinc	7440-66-6	.387	
2	Housing	PPS	0.0199 Tr Tr	PPS	26125-40-6	25.70	25.70
				Antimony trioxide	1309-64-4		
				Tetrabromobisphenyl A Polymer			
3	Rotor	LCP	0.0128	Liquid Crystal Polymer		16.53	16.53
4	Seal Ring	Rubber	0.0007	Silicone		0.904	0.904
5	Element Substrate	Ceramic	0.0272	Alumina	1344-28-1	35.13	35.13
				Silver	7440-22-4	0.349	0.349
6	Conductor	Ink	0.00027 <0.0002	Graphite	7782-42-5		
				Copper	7440-50-8		
				Tin	7440-31-5		
7	Lead Frame	Phosphor bronze	0.0131 0.0011 Tr	Phosphorus	7723-14-0	1.42	18.34
				Tin	7440-31-5		
5	Terminal Coating	Solder	0.001	Tin	7440-31-5	1.29	1.29
Total Weight			0.07742				

Note:

1. PPS (Polyphenylenesulfide)
2. Tr (Trace)

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page 1 of 1

