

MATERIAL DECLARATION SHEET



Material Number	3313 (25K – 5Meg ohms)		
Product Line	Trimming potentiometer		
Compliance Date	3/08/2005		
RoHS Compliant	Yes	MSL	

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	Seal Ring	Silicone Rubber	0.0001	Silicone Rubber	112926-00-8	100	0.008	0.0083
2	Lube	Lube	0.0005	Polydimethylsiloxane	63148-62-9	16	0.066	0.416
				Dimethylsiloxane	70131-67-8	3	0.013	
				Silica, amorphous	7631-86-9	3	0.013	
				Non-hazardous lubricating oil		78	0.324	
3	Rotor	Nylon	0.074	1,4-Benzenedicarboxylic acid, polymer with 2-methyl-1, 8-octanediamine and 1,9-nonanediamine (9CI)	169284-22-4	42	25.835	61.513
				Glass Fiber	65997-17-2	33	20.299	
				Brominated polystyrene	88497-56-7	22	13.532	
				Proprietary Ingredients		3	1.845	
4	Contact Spring	Nickel Silver Alloy	0.0009	Copper	7440-50-8	55	0.411	0.748
				Nickel	7440-02-0	18	0.135	
				Zinc	7440-66-6	27	0.202	
5	Body	Nylon	0.0125	PA46	32131-17-2	39.5	4.104	10.391
				Glass fiber	65997-17-3	40	4.156	
				Antimony trioxide	1309-64-4	5.5	0.571	
				Tribromopolystyrene	57137-10-7	15	1.559	

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6	Leadframe	Copper Alloy	0.0117	Copper	7440-50-8	100	9.726	9.726
		Plating	0.001	Tin	7440-31-5	100	0.831	0.831
7	Substrate	Ceramic	0.019	Aluminum Oxide	1344-28-1	96	15.162	15.794
				Silicon Oxide	7631-86-9	2	0.316	
				Magnesium Oxide	1309-48-4	1	0.158	
				Calcium Oxide	1305-78-8	1	0.158	
8	Termination Ink	Ink	0.0004	Silver	7440-22-4	53.5	0.178	0.330
				Palladium	7440-05-3	23	0.076	
				Dibismuth-trioxide	1304-76-3	12	0.040	
				Platinum	7440-06-4	6	0.020	
				Lead	1317-36-8	1.6	0.005	
				Silicon	7440-21-3	1.6	0.005	
				Nickel-monoxide	1313-99-1	1.6	0.005	
9	Resistive Ink	Ink	0.0002	Ruthenium Dioxide	12036-10-1	9.7	0.0161	0.166
				Boron oxide	1303-86-2	3.5	0.0058	
				Silicon dioxide	7631-86-9	10.4	0.0173	
				Lead oxide	1317-36-8	76.4	0.1268	
		Total weight	0.1203					

This Document was updated on: January 27, 2012

Important remarks:

1. It is the responsibility of the user to verify they are accessing the latest version.
2. Please see RoHS Certificate of Compliance for exemptions used.