


MATERIAL DECLARATION SHEET



Material Number	3314 (10Ω to 200Ω)			
Product Line	Trimmer			
Compliance Date	3-9-2011			
RoHS Compliant	Yes DC 509	MSL		

No.	Construction Element (Subpart)	Homogeneous Material	Material Weight (g)	Homogeneous Material	CASRN	Material Mass %	Material Mass % of total unit wt.	Subpart mass of total wt. (%)
				Substance				
1	Contact Spring	Ni/Ag	0.00028	Nickel	7440-02-0	18	0.036	1.13
				Copper	7440-50-8	65	0.406	
				Zinc	7440-66-6	17	0.052	
2	Housing	LCP	0.0349	Liquid Crystal Polymer	70679-92-4	60	15.032	25.05
				Glass fiber	65997-17-3	40	10.022	
3	Rotor	LCP	0.0171	Liquid Crystal Polymer	70679-92-4	60	7.365	12.28
				Glass fiber	65997-17-3	40	4.910	
4	O - Ring	Rubber	0.0016	Silicone Rubber	63394-02-5	100	1.149	1.15
5	Lid	Stainless Steel	0.0228	Iron	7439-89-6	72.85	11.924	16.37
				Chromium	7440-47-3	17	2.782	
				Nickel	7440-02-0	5	0.818	
				Manganese	7439-96-5	2	0.327	
				Silica	7440-21-3	1	0.164	
				Carbon	7440-44-0	0.15	0.025	
				Phosphorus	7723-14-0	1	0.164	
6	Substrate	Ceramic	0.0498	Alumina Oxide	1344-28-1	96	34.320	35.75
				Silicon Dioxide	7631-86-9	2	0.715	
				Magnesium Oxide	1309-48-4	1	0.358	
				Calcium Oxide	1305-78-8	1	0.358	

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7	Termination Ink	Ink	0.0002	Silver	7440-22-4	100	0.144	0.14
8	Resistive Ink	Ink	0.0008	Silver	7440-22-4	25	0.144	0.57
				Palladium	7440-05-3	30	0.172	
				Barium borate glass	13701-59-2	41	0.235	
				Manganese dioxide	1313-13-9	4	0.023	
9	Lead Frame	Copper	0.0095	Copper	7440-50-8	100	6.820	7.54
		Plating	0.001	Tin	7440-31-5	100	0.718	
		Total Weight	0.1393					

This Document was updated on: 5-10-2011

Important remarks:

1. It is the responsibility of the user to verify they are accessing the latest version.