


# MATERIAL DECLARATION SHEET



Material Number	3314 (10Ω to 200Ω)			
Product Line	Trimpot® Trimming Potentiometers			
Original Compliance Date	3-9-2011			
RoHS Compliant	RoHS 3.0	MSL	1	

No.	Construction Element (Subpart)	Homogeneous Material	Material Weight (g)	Homogeneous Material	CASRN	Material Mass %	Subpart mass of total wt. (%)
				Substance			
1	Contact Spring	Nickel Silver	0.00028 0.00087 0.00043	Nickel	7440-02-0	18	1.1
				Copper	7440-50-8	65	
				Zinc	7440-66-6	17	
2	Housing	Sumitomo	0.0349	Liquid Crystal Polymer	70679-92-4	60	25.0
				Glass Fiber	65997-17-3	40	
3	Rotor	Sumitomo	0.0171	Liquid Crystal Polymer	70679-92-4	60	12.3
				Glass Fiber	65997-17-3	40	
4	O - Ring	Rubber	0.0016	Silicone	63394-02-5	100	1.1
5	Lid	Stainless Steel	0.0228	Iron	7439-89-6	72.85	16.4
				Chromium	7440-47-3	17	
				Nickel	7440-02-0	5	
				Manganese	7439-96-5	2	
				Silica	7440-21-3	1	
				Carbon	7440-44-0	0.15	
				Phosphorus	7723-14-0	1	
6	Substrate	Ceramic	0.0498	Alumina Oxide	1344-28-1	96	35.8
				Silicon Dioxide	7631-86-9	2	

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				Magnesium Oxide	1309-48-4	1	
				Calcium Oxide	1305-78-8	1	
7	Termination Ink	Ink	0.0002	Silver	7440-22-4	93.3	0.1
				Palladium	7440-05-3	3.1	
				Copper	7440-50-8	1.2	
				Bismuth	7440-69-9	2.4	
8	Resistive Ink	Ink	0.0008	Silver	7440-22-4	25	0.6
				Palladium	7440-05-3	30	
				Boron	7440-42-8	20	
				Barium	7440-39-3	21	
				Manganese	7439-96-5	4	
9	Lead Frame	Copper	0.0095	Copper	7440-50-8	100	7.5
		Plating	0.001	Tin	7440-31-5	100	
10	Lubricant	Lubricant	0.0001	Polydimethylsiloxane	63148-62-9	58	0.1
				Dimethyl Siloxane	70131-67-8	9.5	
				Silica, Amorphous	7631-86-9	12.5	
				Siloxane/Silicones	63148-56-1	14	
				Tetrafluoroethene	9002-84-0	6	
		Total Weight	0.13938				

**This Document was updated on: 10-4-2023**

**Important remarks:**

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