


MATERIAL DECLARATION SHEET



Reliable Electronic Solutions

Material #	3059 series	
Product Line	Trimmer	
Date	2/17/2005	
RoHS Compliant	Yes (March 1, 2005) DC 0509	
See note at bottom of page		

No.	Construction element	Material group	Material weight [g]	Materials	CAS if applicable	Average mass [%]	Sum [%]
1	Contact Spring	Ni/Ag	0.0024 0.0096 0.0048	Nickel	7440-02-0	0.09	0.63
				Copper	7440-50-8	0.36	
				Zinc	7440-66-6	0.18	
2	Housing	PBT	1.060 Trace Trace	Poly (Butylene terephthalate)	30965-26-5	40.87	40.87
				Antimony Trioxide	1309-64-4		
				Tetrabromobisphenol A Polymer			
3	Post	Nylon	0.0171	Polyhexamethylene adipamide	32131-17-2	1.97	1.97
4	Potting	Epoxy	0.2983 Trace	DGEBA(Diglycidyl Ether Bisphenol A Epoxy)	25068-38-6	7.81	8.80
				Antimony Trioxide (flame retardant)	1309-64-4	0.99	
5	Shaft	Brass	0.3575	Brass		20.65	20.65
6	Element	Ceramic	0.3515	Alumina	1344-28-1	23.88	23.88
7	Resistor/Conductor	Ink	0.0185 Trace Trace	Silver	7440-22-4	0.81	0.81
				Lead Oxide	1317-36-8		
				Other			
8	Pins	Copper	0.0735	Copper	7440-50-8	8.62	8.62
9	Coating**	Solder	0.0023 0.001	Tin	7440-31-5	0.27	0.31
				Lead	7439-92-1	0.04	
Total weight			2.197				

** product is available with a lead free terminal. Add LF to part number as a suffix, terminals will be 100% matte tin.

Standard part example: 3059P-1-103

RoHS compliant example: 3059P-1-103LF