


# MATERIAL DECLARATION SHEET



Material Number	3005 series			
Product Line	Trimmer			
EU RoHS Compliant	Yes, based on Exemptions for Cadmium and Lead for certain categories of EEE (see note 2 below)	MSL	1	

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	Beryllium Copper with gold plating	0.0087	Beryllium	7440-41-7	1.8	0.0121	0.67
				Copper	7440-50-8	97.58	0.6538	
				Cobalt + Nickel + Iron	7440-48-4 7440-02-0 7439-89-6	0.6	0.0040	
				Lead impurity	7439-92-1	0.02	0.0001	
			0.0003	Gold Plating	7440-57-5	100	0.0200	0.02
2	Housing	PBT	0.483	Polybutylene terephthalate	30965-26-5	55	20.9834	37.05
				Glass fiber	65997-17-3	30	11.4455	
				Antimony trioxide	1309-64-4	4	1.5261	
				Brominated FR (polycarbonate polymer)	trade secret	11	4.1967	
3	Shaft	Nickel plated Brass 360	0.231	Copper	7440-50-8	61.5	10.8917	17.71
				Zinc	7440-66-6	35.4	6.2693	
				Lead	7439-92-1	3.1	0.5490	
			0.007	Nickel Plating	7440-02-0	100	0.055	0.55
4	Mandrel + Wire	Metal	0.252	Copper	7440-50-8	50	9.9526	19.33
				Nickel	7440-02-0	50	9.9526	
5	Collector Bar	Phosphor Bronze CDA 510	0.114	Phosphorus	7723-14-0	0.2	0.0180	8.74
				Tin	7440-31-5	5	0.4502	
				Copper	7440-50-8	94.78	8.5347	
				Palladium	7440-05-3	0.02	0.0018	

# MATERIAL DECLARATION



6	Potting	Epoxy	0.1274	Epoxy resin	25085-99-8	49	4.9310	9.77
				Antimony trioxide	1309-64-4	11	1.1070	
				Silicon dioxide	7440-21-3	11	1.1070	
				Aluminum oxide	1344-28-1	11	1.1070	
				Kaolin clay	1332-58-7	9	0.9057	
				Magnesium aluminosilicate	1302-88-1	9	0.9057	
7	Post	Nylon	0.0053	Polyamide 66	32131-17-2	70	0.2947	0.41
				Glass fiber	65997-17-3	30	0.1263	
8	Terminals (electrical contact)	Nickel Silver C752	0.0221	Nickel	7440-02-0	18	0.3042	1.69
				Copper	7440-50-8	65	1.0985	
				Zinc	7440-66-6	16.535	0.2794	
				Iron	7439-89-6	0.018	0.0003	
				Lead	7439-92-1	0.011	0.0002	
				Manganese	7439-96-5	0.436	0.0074	
		Inlay	0.0033	Silver	7440-22-4	44.8	0.1120	0.25
				Copper	7440-50-8	15.1	0.0378	
				Zinc	7440-66-6	16.9	0.0422	
				Cadmium	7440-43-9	23.2	0.0580	
Tin plating	0.0066	Tin	7440-31-5	100	0.5100	0.51		
9	Body Mold	PBT	0.043	Polybutylene terephthalate	30965-26-5	64	2.1738	3.30
				Glass fiber	65997-17-3	18	0.6114	
				Antimony trioxide	1309-64-4	4	0.1359	
				Brominated FR (polycarbonate polymer)	trade secret	13	0.4415	
				Carbon black	1333-86-4	1	0.0340	
Total Weight			1.3037					

**This Document was updated on: 9-30-2022**

## Important remarks:

1. It is the responsibility of the user to verify they are accessing the latest version.
2. Series 3005 Trimmer contains (i) more than 100 ppm of Cadmium in the electrical contact area, and under Exemption 8(b) the product may no longer be EU RoHS compliant, depending on the EEE category and (ii) up to 4% Lead by weight as an alloying element in a copper alloy under Exemption 6(c). It is the responsibility of the user to verify that the Cadmium content in the electrical contact of the 3005 Series Trimmer is compatible with such user's equipment and application.