


MATERIAL DECLARATION SHEET



Material Number	H-516-6A			
Product Line	Dial			
Compliance Date	JUNE 10, 2011			
RoHS Compliant	Yes	MSL	N/A	

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	Rotor	Nylon	1.6	Polyamide 66	32131-17-2	36	5.51	15.32
				Polyamide	25038-54-4	15	2.30	
				Bromopolystyrene	88497-56-7	12.5	1.91	
				Antimony trioxide	1309-64-4	6.5	1.00	
				Glass fiber	65997-17-3	30	4.60	
2	Copper Washer	Copper alloy	0.06	Copper	7440-50-8	91.681	0.526	0.57
				Tin	7440-31-5	8.167	0.047	
				Phosphorus	7723-14-0	0.152	0.001	
		ZINC ALLOY-3	0.56	Zinc	7440-66-6	95.76	5.135	
				Aluminum	7429-90-5	4.1	0.220	
				Magnesium	7439-95-4	0.04	0.002	
				Copper	7440-50-8	0.1	0.005	

MATERIAL DECLARATION



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. (%)
		Plating	2-5um	Zinc	7440-66-6	100	--	
4	Break	Zinc alloy	2.04	Zinc	7440-66-6	95.76	18.706	19.53
				Aluminum	1344-28-1	4.1	0.801	
				Magnesium	7439-95-4	0.04	0.008	
				Copper	7440-50-8	0.1	0.020	
5	Counting Ring	POM	0.21	Polyoximethylene	25131-38-3	100	2.01	2.01
6	Bottom Cover	Nylon	2.86	Polyamide 66	32131-17-2	36	9.86	27.39
				Polyamide 6	25038-54-4	15	4.11	
				Bromopolystyrene	88497-56-7	12.5	3.42	
				Antimony trioxide	1309-64-4	6.5	1.78	
				Glass fiber	65997-17-3	30	8.22	
7	Housing	Aluminum	1.0	Aluminum	7429-90-5	96.2	9.212	9.58
				Magnesium	7439-98-5	0.5	0.048	
				Copper	7440-50-8	2.5	0.239	
				Silicon	7440-21-3	0.8	0.077	
		Anodization	2-3um	Aluminum oxide	1344-28-1	100	--	

MATERIAL DECLARATION



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. (%)
8	Mesons	SPCC-SD	0.65	Iron	7439-89-6	70.5	4.3921	6.23
				Carbon	7440-44-0	2	0.1246	
				Manganese	7439-96-5	20	1.2460	
				Silicon	7440-21-3	1	0.0623	
				Phosphorus	7723-14-0	1	0.0623	
				Sulfur	7704-34-9	0.9	0.0560	
		Aluminum	7429-90-5	4.6	0.2865			
Plating		Nickel plating 3-5u	7440-02-0	100	--			
9	Gear	POM	0.019	Polyoximethylene	25131-38-3	100	0.18	0.18
10	Nut	copper	1.29	Copper	7440-50-8	91.681	11.32	12.35
				Tin	7440-31-5	8.167	1.01	
		Phosphorus	7723-14-0	0.152	0.02			
		Plating		Nickel plating 3-5u	7440-02-0	100	--	
11	Screw	SCM435	0.077_2	Iron	7439-89-6	98.676	1.4505	1.47
				Carbon	7440-44-0	0.15	0.0022	
				Manganese	7439-96-5	0.42	0.0061	
				Phosphorus	7723-14-0	0.021	0.0003	
				Sulfur	7704-34-9	0.033	0.0004	
		Silicon	7440-21-3	0.7	0.0102			
		Plating	2-5um	Iron oxide	1317-61-9	100	--	
		Total weight	10.443					

This Document was updated on: June 10, 2011

Important remarks:

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