


MATERIAL DECLARATION SHEET



Material Number	H-23 Turns Counting Dial			
Product Line	Sensors			
Compliance Date	since inception			
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	Zinc alloy	4	Zinc	7440-66-6	95.04	23.91	25.16
				Aluminum	7429-90-5	4	1.01	
				Magnesium	7439-95-4	0.06	0.01	
				Copper	7440-50-8	0.9	0.23	
		Plating	2~5 um	Chromium	7440-47-3	100		
2	Copper washer	Copper alloy	0.06	Copper	7440-50-8	91.681	0.35	0.38
				Tin	7440-31-5	8.167	0.031	
				Phosphorus	7723-14-0	0.152	0.001	
3	Brake	Zinc alloy	0.56	Zinc	7440-66-6	95.04	3.348	3.52
				Aluminum	7429-90-5	4	0.14	
				Magnesium	7439-95-4	0.06	0.002	
				Copper	7440-50-8	0.9	0.032	
		Plating	2~5 um	Chromium	7440-47-3	100		
4	Lock lever	Zinc alloy	2.04	Zinc	7440-66-6	95.04	12.2	12.83
				Aluminum	7429-90-5	4	0.51	
				Magnesium	7439-95-4	0.06	0.01	
				Copper	7440-50-8	0.9	0.11	
				Zinc	7440-66-6	95.04	45.79	
Aluminum	7429-90-5	4	1.93					
Magnesium	7439-95-4	0.06	0.03					
Copper	7440-50-8	0.9	0.43					

MATERIAL DECLARATION SHEET



6	Counting Ring	POM	0.21	Polyoxymethylene	30846-29-8	100	1.32	1.32
7	Gear	POM	0.019	Polyoxymethylene	30846-29-8	100	0.12	0.12
8	Housing	Steel	0.899	Carbon	7440-44-0	<1	0.05	5.7
				Manganese	7439-96-5	6	0.34	
				Phosphorus	7723-14-0	5	0.28	
				Iron	7439-89-6	88	4.98	
				Silicon	7440-21-3	<1	0.05	
	Plating	2~3 um	Chromium	7440-47-3	100			
9	Knob	POM	0.4	Polyoxymethylene	30846-29-8	100	2.52	2.52
10	Screw	Steel	0.05	Carbon	7440-44-0	0.12	0.0004	0.31
				Manganese	7439-96-5	0.5	0.002	
				Phosphorus	7723-14-0	0.04	0.0001	
				Iron	7439-89-6	99.295	0.312	
				Sulfur	7704-34-9	0.045	0.0001	
	Plating	2~5 um	Zinc	7440-66-6	100			
		Total weight	15.898					

This Document was updated on: June 16, 2010

Important remarks:

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