


MATERIAL DECLARATION SHEET



Material Number	PER23			
Product Line	ENCODER			
Compliance Date	2019-07-31			
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	Contact Holder	PBT	0.785	Polybutylene Terephthalate	26062-94-2	65	18.421	28.34
				Glass Fiber	65997-17-3	32	9.069	
				Additives		3	0.850	
2	Slide Contact	t0.12 Phosphor Bronze	0.032	Cu	07440-50-8	91.8	1.061	1.16
				Sn	07440-31-5	8	0.092	
				P	07803-51-2	0.2	0.002	
				Ag	07440-22-4	99.99	1.155	
		Ag Plating (0.5~1um) additive			0.01	0.0001		
3	Leaf Spring	φ 0.3 Stainless Steel	0.008	C	07440-44-0	0.15	0.0004	0.29
				Si	14464-46-1	1.0	0.003	
				Mn	07439-96-5	2.0	0.006	
				P	07803-51-2	0.045	0.0001	
				S	07704-34-9	0.03	0.0001	
				Cr	07440-47-3	8	0.023	
				Ni	07440-02-0	18	0.052	
				Fe	07439-89-6	70.775	0.204	

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4	Insulation Case	PBT	0.856	Polybutylene Terephthalate	26062-94-2	65	20.087	30.90
				Glass Fiber	65997-17-3	32	9.889	
				Additives		3	0.927	
7	Terminal	t0.35 Phosphor Bronze	0.464	Cu	07440-50-8	91.8	15.377	16.75
				Sn	07440-31-5	8	1.340	
				P	07803-51-2	0.2	0.034	
		Ag		07440-22-4	99.99	16.749		
		additive			0.01	0.002		
8	Attaching Plate	t0.4 Tin Plated Steel	0.625	Fe	07439-89-6	91.9	20.736	22.56
				C	07440-44-0	0.05	0.011	
				Mn	07439-96-5	0.05	0.011	
				Sn	07440-31-5	8	1.805	
		Total weight (g)	2.77					

This Document was updated on:

Important remarks:

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