


MATERIAL DECLARATION SHEET

BOURNS®

Material Number	PER60			
Product Line	Encoders			
Compliance Date	Aug 19th, 2020			
RoHS Compliant	Yes	MSL	N/A	

No.	Construction Element (subpart)	Homogeneous Material	Material weight [g]	Homogeneous Material/ Substances	CASRN	Materials Mass %	Material Mass % of total unit wt.	Subpart mass of total wt. (%)
					if applicable			
1	Contact Holder	PBT	6.332	Polybutylene Terephthalate	26062-94-2	65.00	0.240	34.47
				Glass Fiber	65997-17-3	32.00	0.021	
				Additives	Trade Secret	3.00	0.001	
2	Slide Contact	t0.12 Phosphor Bronze	0.048	Copper	7440-50-8	91.80	0.240	0.26
				Tin	7440-31-5	8.00	0.021	
		phosphorus		7723-14-0	0.20	0.001		
		Silver		7440-22-4	99.99	0.261		
		additive		Trade Secret	0.01	0.00003		
3	Leaf Spring	t0.15 Phosphor Bronze	0.07	Copper	7440-50-8	91.80	0.350	0.38
				Tin	7440-31-5	8.00	0.030	
				phosphorus	7723-14-0	0.20	0.001	
4	Insulation Case	PBT	7.237	Polybutylene Terephthalate	26062-94-2	65.00	25.61	39.40
				Glass Fiber	65997-17-3	32.00	12.61	
				Additive	Trade Secret	3.00	1.18	
5	Terminal	t0.15 Phosphor Bronze	0.905	Copper	7440-50-8	91.80	4.5225	4.93
				Tin	7440-31-5	8.00	0.394	

MATERIAL DECLARATION SHEET

BOURNS®

				phosphorus	7723-14-0	0.20	0.010	
		Ag Plating (0.5~1um)		Silver	7440-22-4	99.99	4.93	
				additive	Trade Secret	0.01	0.0005	
7	Attaching Plate	t0.5 Tin Plated Steel	3.78	Iron	7439-89-6	91.90	18.90	20.57
				Carbon	7440-44-0	0.05	0.01	
				Manganese	7439-96-5	0.05		
				Tin	7440-31-5	8.00	1.65	
		Total Weight	18.37					

This Document was updated on: 2020-08-19

Important remarks:

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