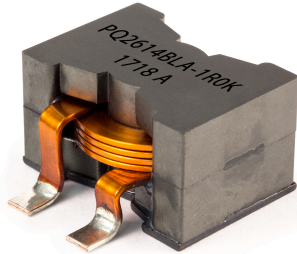


MATERIAL DECLARATION SHEET

BOURNS

Material Number	PQ2614BHA-XXXX			
Product Line	Magnetics			
Compliance Date	8-24-2017			
RoHS Compliant	Yes	MSL		

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	CORE	CORE	22.5	Iron (III) oxide	1309-37-1	70	49.98252	71.4036
				Manganese oxide	1317-35-7	22	15.708792	
				Zinc oxide	1314-13-2	8	5.712288	
2	BASE	LCP	0.7	Liquid Crystal Polymer	60088-52-0	58	1.288412	2.2214
				Glass Fiber	65997-17-3	40	0.88856	
				Carbon black	1333-86-4	1	0.022214	
				Additives not to declare	Proprietary	1	0.022214	
3	PIN	STEEL ALLOY	0.1982	Iron	7439-89-6	71.64	0.4507	0.6290
				Nickel	7440-02-0	8.14	0.0512	
				Phosphorus	7723-14-0	0.036	0.0002	
				Silicon	7440-21-3	0.48	0.0030	
				Chromium	7440-47-3	18.49	0.1163	
				Manganese	7439-96-5	1.16	0.0073	
				Impurities	N/A	0.044	0.0003	
		NICKEL	0.0009	Nickel	7440-02-0	100	0.0029	0.0029

MATERIAL DECLARATION SHEET



		TIN	0.0009	Tin	7440-31-5	100	0.0029	0.0029
5	WIRE	COPPER	7.90	Copper	7440-50-8	95	23.81707	25.0706
				Polyamide Resin	62929-02-6	4	1.002824	
				Additives, not to declare	N/A	1	0.250706	
6	GLUE 1	GRAY GLUE	0.05	Epoxy resin	38891-59-7	40	0.06348	0.1587
				Talc	14807-96-6	9	0.014283	
				Epoxy resin	68460-21-9	3.5	0.0055545	
				Epoxy resin	25068-38-6	3.5	0.0055545	
				Trade secret	10004	4	0.006348	
				Crystalline silica	14808-60-7	40	0.06348	
7	SEALANT	SEALANT	0.15	Methyl tri (ethylmethyl ketoxime) silane	22984-54-9	10	0.0476	0.4760
				3-Aminopropyltriethoxy silane	919-30-2	5	0.0238	
				Silica	7631-86-9	60	0.2856	
				Polydimethyl siloxane	9016-00-6	25	0.119	
8	SOLDER	SOLDER	0.01	Tin	7440-31-5	99.5	0.0315415	0.0317
				Copper	7440-50-8	0.5	0.0001585	
9	INK	INK	0.001	Meta-aramid	25765-47-3	29.5	0.000944	0.0032
				Dimethyl glutarate	1119-40-0	39.8	0.0012736	
				Epoxy resin	proprietary	30.7	0.0009824	
		Total weight	31.511					

This Document was updated on: August 28, 2017

Important remarks:

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