

MATERIAL DECLARATION SHEET

BOURNS®

Material Number	AC6830R Series			
Product Line	Air Coil			
Compliance Date	2024/11/7			
RoHS Compliant	YES	MSL	1	

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	Wire	Copper	0.10133112	Copper	7440-50-8	100	77.352	80
		Polyurethane Resin	0.00346888	Polyurethane Resin	68400-69-9	100	2.648	
2	Epoxy Cover	UV Epoxy	0.02489	Tripropylene glycol diacrylate	42978-66-5	50	9.500	19
				1-Hydroxycyclohexyl phenyl ketone	947-19-3	5	0.950	
				2-Propenoic acid, 2- hydroxyethyl ester, polymer with α -hydro- ω -hydroxypoly and 5 isocyanato 1 -1,3,3 - trimethy lcyclohexane	73297-27-5	44	8.360	
				Carbon black	1333-86-4	1	0.190	
3	Solder	Solder	0.00131	Tin	7440-31-5	96.5	0.965	1
				Silver	7440-22-4	3	0.030	
				Copper	7440-50-8	0.5	0.005	
		Total weight	0.131					

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