


MATERIAL DECLARATION SHEET

Material Number	HRP5022X Series			
Product Line	Power Inductor			
Compliance Date	2023/06/07			
RoHS Compliant	Yes	MSL	Level 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	Alloy Body	Alloy Powder	210.000076	Iron	7439-89-6	93.800	68.8742	73.4266
				Silicon	7440-21-3	4.200	3.0839	
				Chromium	7440-47-3	2.000	1.4685	
2	Copper/ Coating	Magnet Wire	74.76048151	Copper	7440-50-8	100.000	26.1400	26.5381
			1.13848449	Polyamideimide Resin	63428-84-2	100.000	0.3981	
3	Solder	Lead-Free Solder Bar	0.1001	Tin	7440-31-5	99.300	0.0348	0.0350
				Copper	7440-50-8	0.700	0.0002	
4	Marking	Printer INK	0.000858	ChromeIII-Complex Dye	117527-94-3	100.000	0.0003	0.0003
			Total weight					286

This Document was updated on: 2024/09/25

Important remarks:

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