

MATERIAL DECLARATION SHEET

BOURNS®

Material Number	SRP1024HMCT-75NM			
Product Line	Power Inductor			
Compliance Date	2025/07/04			
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	Carbonyl body	Carbonyl Powder	0.44	Iron	7439-89-6	98.192	78.554	80.00
				Carbon	7440-44-0	0.904	0.723	
				Nitrogen	7727-37-9	0.904	0.723	
2	Copper/ Coating	Copper Wire	0.0847	Copper	7440-50-8	100.000	15.400	16.40
		Copper Colored Coating On The Magnet Wire_AIW	0.0055	Polyamideimide Resin	37317-16-1	100.000	1.000	
3	Solder	Lead-Free Solder Bar	0.0055	Tin	7440-31-5	99.300	0.993	1.00
				Copper	7440-50-8	0.700	0.007	
4	Body-Coating	PL-GREY_PL-488	0.01375	Acrylic acid resin	9003-01-4	55.555	1.389	2.50
				Carbon Black	1333-86-4	27.778	0.694	
				Titanium dioxide	1317-80-2	16.667	0.417	
5	Marking	Hitachi IJ Printer INK	0.00055	ChromeIII-Complex Dye	117527-94-3	100.000	0.100	0.10
Total weight			0.55					

This Document was updated on: 2025/07/04

Important remarks:

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