

MATERIAL DECLARATION SHEET



Material Number	CRF1206 Series (MnCu)			
Product Line	Metal Current Sensing Chip Resistors			
Compliance Date	2024/05/21			
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	Protective Coating	Epoxy	0.002809	Epoxy	29690-82-2	100 %	0.002809	15.39%
2	Resistive Body	Metal	0.010651	Copper	1317-38-0	86.00 %	0.009160	50.19%
				Manganese	7439-96-5	12.00 %	0.001278	7.00%
				Nickel	7440-02-0	2%	0.000213	1.17%
3	Marking Layer	Epoxy	0.000011	Epoxy	29690-82-2	100 %	0.000011	0.06%
4	Cu Plating	Metal	0.004145	Copper	7440-50-8	100 %	0.004145	22.71%
5	Ni Plating	Metal	0.000336	Nickel	7440-02-0	100 %	0.000336	1.84%
6	Sn Plating	Metal	0.000299	Tin	7440-31-5	100 %	0.000299	1.64%
			Total weight	0.018250				

This Document was updated on: 2024/5/21

Important remarks:

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