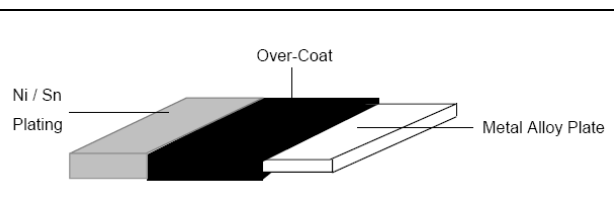


# MATERIAL DECLARATION SHEET



Material Number	CRE2512 Series ( MnCu)		
Product Line	High Power Current Sensing Resistors		
Compliance Date	2020/02/07		
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	0.0057	Epoxy	29690-82-2	100 %	0.0057	9.96 %
2	Resistive Body	Metal	0.0456	Cu	7440-50-8	54.72 %	0.02495	43.60 %
				Mn	7439-96-5	8.90 %	0.00406	7.10 %
				Al	2429-90-5	36.38 %	0.01659	28.99 %
3	Marking Layer	Epoxy	0.00017	Epoxy	29690-82-2	100 %	0.00017	0.3 %
4	Cu Plating	Metal	0.004	Cu	7440-50-8	100 %	0.004	6.99 %
5	Ni Plating	Metal	0.0007	Ni	7440-02-0	100 %	0.0007	1.22 %
6	Sn Plating	Metal	0.00105	Sn	7440-31-5	100 %	0.00105	1.84 %
			Total weight	0.05722				

**This Document was updated on: 2020/02/07**

**Important remarks:**

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