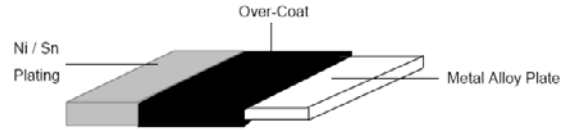


MATERIAL DECLARATION SHEET



Material Number	CRA2512 Series		
Product Line	High Power Current Sensing Resistors		
Compliance Date	2015/12/14		
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	Copper	7440-50-8	45.5 %	0.020748	36.26 %
				Nickel	7440-02-0	35.75 %	0.016302	28.49 %
				Aluminum	7429-90-5	18.72 %	0.00855	14.94 %
3	Marking Layer	Epoxy	0.00017	Epoxy	29690-82-2	100 %	0.00017	0.3 %
4	Cu Plating	Metal	0.004	Copper Oxide	1317-38-0	100 %	0.004	6.99 %
5	Ni Plating	Metal	0.0007	Nickel	7440-02-0	100 %	0.0007	1.22 %
6	Sn Plating	Metal	0.00105	Tin	7440-31-5	100 %	0.00105	1.84 %
			Total weight	0.05722				

This Document was updated on: 2015/12/14

Important remarks:

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