


MATERIAL DECLARATION SHEET

BOURNS®

Material Number	CRG2512 Series			
Product Line	Current Sensing Resistors			
Compliance Date	2020/12/7			
RoHS Compliant	Yes	MSL	1	

No.	Construction Element(subpart)	Homogeneous Material	Material weight [mg]	Homogeneous Material\ Substances	CASRN if applicable	Material s Mass %	Material Mass % of total unit wt.	Subpart mass of total wt. (%)
1	Resistive Element-Al	Al	16.593800	Aluminum	7429-90-5	100%	29.00%	29%
2	Resistive Element	Ni-Cr	29.004818	Nickel	7440-02-0	76%	38.52%	50.69%
				Chromium	7440-47-3	20%	10.14%	
				Aluminum	7429-90-5	4%	2.03%	
3	Over-Coating	EME-XXX	5.699112	Epoxy	29690-82-2	100%	9.96%	9.96%
4	Marking	ZSR-XXX	0.171660	Epoxy	25085-99-8	100%	0.30%	0.30%
5	Cu Plating	Cu	3.999678	Copper	7440-50-8	100%	6.99%	6.99%
6	Ni Plating	Ni	0.698080	Nickel	7440-02-0	100%	1.22%	1.22%
7	Sn Plating	Sn	1.052848	Tin	7440-31-5	100%	1.84%	1.84%
		TOTAL WEIGHT	57.22					

This Document was updated on: 2020/12/07

Important remarks: It is the responsibility of the user to verify they are accessing the latest version.