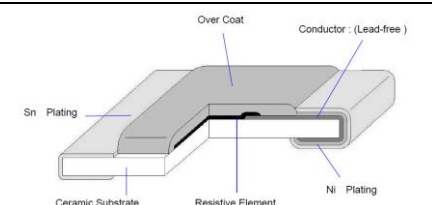


MATERIAL DECLARATION SHEET

BOURNS®

Material Number	CRL1206 (0.1~0.91Ω Series)			
Product Line	Current Sensing Resistors			
Compliance Date	2018/10/05			
RoHS Compliant	Yes	MSL	1/2/3	

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	Ceramic Substrate	Ceramic Substrate	7.9107819	Aluminum oxide	1344-28-1	96%	80.81%	84.18%
				Silicon dioxide	14808-60-7	4%	3.37%	
2	Conductor Layer	Conductor Layer	0.2490327	Silver	7440-22-4	95%	2.52%	2.65%
				Glass	65997-17-3	5%	0.13%	
3	Resistive Element	Ni-Cu-Mn	0.293201	Manganese	7439-96-5	1.5%	3.12%	3.12%
				Copper	7440-50-8	63%		
				Nickel	7440-02-0	35.5%		
4	Over-Coating	Over-Coating	0.1588171	Epoxy	29690-82-2	100%	1.69%	1.69%
5	Marking	Marking	0.02161416	Epoxy	25068-38-6	100%	0.23%	0.23%
6	End Terminal	End Terminal	0.03289111	Nickel	7440-02-0	80%	0.28%	0.35%
				Chromium	7440-47-3	20%	0.07%	
7	Cu Plating	Copper	0.4059703	Copper	7440-50-8	100%	4.32%	4.32%
8	Ni Plating	Nickel	0.1625761	Nickel	7440-02-0	100%	1.73%	1.73%
9	Sn Plating	Tin	0.1625761	Tin	7440-31-5	100%	1.73%	1.73%
TOTAL			9.39746					

This Document was updated on: 2018/10/05 ← the Date you completed fulfillment.

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