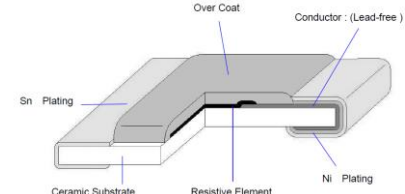


MATERIAL DECLARATION SHEET

BOURNS®

Material Number	CRL0805 (0.1~0.91Ω) Series			Picture attached 
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	4.3388381	Aluminium oxide	1344-28-1	96%	78.84%	82.12%
				Silicon dioxide	14808-60-7	4%	3.28%	
2	Conductor Layer	Conductor Layer	0.11518104	Silver	7440-22-4	95%	2.07%	2.18%
				Glass	65997-17-3	5%	0.11%	
3	Resistive Element	Ni-Cu-Mn	0.18915052	Manganese	7439-96-5	1.5%	3.58%	3.58%
				Copper	7440-50-8	63%		
				Nickel	7440-02-0	35.5%		
4	Over-Coating	Over-Coating	0.0861216	Epoxy	29690-82-2	100%	1.63%	1.63%
5	Marking	Marking	0.0126805	Epoxy	25068-38-6	100%	0.24%	0.24%
6	End Terminal	End Terminal	0.0110954	Nickel	7440-02-0	80%	0.168%	0.21%
				Chromium	7440-47-3	20%	0.042%	
7	Cu Plating	Copper	0.2948212	Copper	7440-50-8	100%	5.58%	5.58%
8	Ni Plating	Nickel	0.11782281	Nickel	7440-02-0	100%	2.23%	2.23%
9	Sn Plating	Tin	0.11782281	Tin	7440-31-5	100%	2.23%	2.23%
TOTAL			5.283534					

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.