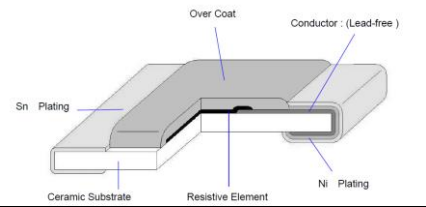


# MATERIAL DECLARATION SHEET



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	CRXXXX	7.9107819	Aluminum oxide	1344-28-1	96%	80.81%	84.18%	
				Silicon dioxide	14808-60-7	4%	3.37%		
	Conductor Layer	AZZ.002.XXXX	0.2490327	Silver	7440-22-4	95%	2.52%	2.65%	
				Glass	65997-17-3	5%	0.13%		
	Resistive Element	Ni-Cu-Mn	0.293201	Manganese	7439-96-5	15%	3.12%	3.12%	
				Copper	7440-50-8	63%			
				Nickel	7440-02-0	35.5%			
	Over-Coating	AZZ.002.1057A	0.1588171	Epoxy	-----	100%	1.69%	1.69%	
	Marking	ZRS-1**	0.02161416	Epoxy	25068-38-6	100%	0.23%	0.23%	
	End Terminal	AZZ.003.0048	0.03289111	Nickel	7440-02-0	80%	0.28%	0.35%	
				Chromium	7440-47-3	20%	0.07%		
	Cu Plating	Cu	0.4059703	Copper	7440-50-8	100%	4.32%	4.32%	
	Ni Plating	Ni	0.1625761	Nickel	7440-02-0	100%	1.73%	1.73%	
	Sn Plating	Sn	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.