

# MATERIAL DECLARATION SHEET



Material Number	CRK0815 Series			
Product Line	<b>Current Sensing Resistors</b>			
Compliance Date	2018/07/04			
RoHS Compliant	Yes	MSL	1	

No.	Construction Element(subpart)	Homogeneous Material	Material weight [mg]	Homogeneous Material\ Substances	CASRN if applicable	Materials Mass %	Material Mass % of total unit wt.	Subpart mass of total wt. (%)
1	Protective Coating	EME-xxx	3.6967	Novolac Resin	29690-82-2	99%	15.24%	15.39%
				Silicon dioxide	14808-60-7	1%	0.15%	
2	Cu Plating	Cu	5.4549	Copper	7440-50-8	100%	22.71%	22.71%
3	Ni Plating	Ni	0.4420	Nickel	7440-02-0	100%	1.84%	1.84%
4	Sn Plating	Sn	0.3939	Tin	7440-31-5	100%	1.64%	1.64%
5	Resistive Body	Mn-Cu	14.0181	Copper	1317-38-0	86.00%	50.19%	58.36%
				Manganese	7439-96-5	14.00%	8.17%	
6	Marking	ZSR-XXX	0.0144	Epoxy	25085-99-8	100%	0.06%	0.06%
			<b>TOTAL WEIGHT</b>	24.02				

**This Document was updated on:** 2018/07/04

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