

MATERIAL DECLARATION SHEET

BOURNS®

Material Number	CMF-RL Series			
Product Line	Telecom CPTC Resettable Fuses			
Compliance Date	2015.6.27			
RoHS Compliant	✓	MSL	N/A	

No.	Construction Element(subpart)	Homogeneous Material	Material weight [g]	Homogeneous Material\ Substances	CASRN if applicable	Materials Mass %	Material Mass % of total unit wt.	Subpart mass of total wt. (%)
1	Substrate	Ceramic	0.8691	Barium oxide	1304-28-5	50%	38.40%	76.81%
				Titanium(IV) Oxide	13463-67-7	25%	19.20%	
				Strontium dioxide	1314-18-7	10%	7.68%	
				Lead(II) oxide.	1317-36-8	7%	5.38%	
				Calcium oxide	1305-78-8	5%	3.84%	
				other	-	3%	2.30%	
2	Top electrode	Silver	0.0054	Silver	7440-22-4	100%	0.48%	0.48%
3	Bottom electrode	NiCr alloy	0.0064	Nickel Chromium	11106-97-1	100%	0.57%	0.57%
4	Tinned copper wire	Copper	0.070	Copper	7440-50-8	95%	5.88%	6.19%
				Tin	7440-31-5	5%	0.31%	
				Tin	7440-31-5	96%	1.47%	
5	Soldering tin	Tin	0.0173	Silver	7440-22-4	4%	0.06%	1.53%
6	Coating material	Silicon	0.1632	Trimethylsilyl silicate	56275-01-5	80%	11.54%	14.42%
				silicon dioxide	7631-86-9	20%	2.88%	
7	Marking	Glass		Glass	65997-18-4	100%	/	/
		Total weight	1.1315					

This Document was updated on: 2015.6.27

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