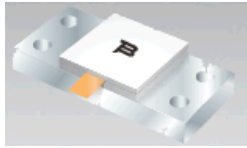


MATERIAL DECLARATION SHEET



Material Number	CHF190104KBF500L			
Product Line	RF Power Resistors			
Compliance Date	September 2009			
RoHS Compliant	Yes	MSL	NA	

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	Carrier	Flange	63.05	copper	7440-50-8	99.2	90.32	91.05
				nickel	7440-02-0	0.8	0.73	
2	Substrate	Ceramic	3.8	beryllium oxide	1304-56-9	97.5	5.35	5.49
				platinum/silver	7440-06-4 7440-22-4	1.5	0.08	
				ruthenium dioxide	12036-10-1	0.5	0.03	
				zinc oxide	1314-13-2	0.3	0.02	
3	Solder	Solder	0.72	tin	7440-31-5	96	1.00	1.04
				silver	7440-22-4	4	0.04	
4	Cover	Ceramic	1.62	aluminum oxide	1344-28-1	100	2.34	2.34
5	Tab	Tab	0.06	silver	7440-22-4	100	0.09	0.09
			Total weight			69.24		

This Document was updated on: **September 22, 2009**

Important remarks:

1. It is the responsibility of the user to verify they are accessing the latest version.