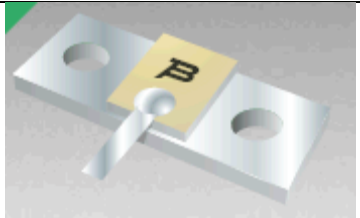


MATERIAL DECLARATION SHEET



Material Number	CHF9838CNF500L			
Product Line	RF Power Resistors			
Compliance Date	June 01 2005			
RoHS Compliant	Yes	MSL	Level 1	

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	Flange	Copper alloy	5.19	Copper	7440-50-8	99.2	90.2	90.9
				Nickel	7440-02-0	0.8	0.7	
2	Solder	Solder	0.12	Tin	7440-31-5	96	2	2.1
				Silver	7440-22-4	4	0.08	
3	Chip	Ceramic	0.31	Aluminum Nitride	24304-00-5	93.5	5.08	5.4
				Silver Platinum		2.4	0.13	
				Ruthenium dioxide	12036-10-1	0.8	0.04	
				Zinc oxide	1314-13-2	0.5	0.3	
				Epoxy	25068-38-2	0.5	0.3	
				Nickel	7440-02-0	1.2	0.06	
				Tin	7440-31-5	1.1	0.05	
4	Tab	Silver	0.06	Silver	7440-22-4	100	1.1	1.1
5	Tab Protection	Epoxy	0.03	Epoxy	25068-38-6	100	0.5	0.5
		Total weight	5.71					

This Document was updated on: September 28, 2007

Important remarks:

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