Material Contents Report

Issuer Company Information

Created Date	4/4/2011
Company Name	BI Technologies
Component name	Chip Resistors Networks
Part No.	BCN168SB
Product Weight (mg)	7.210

Homogeneous material	Material Mass(mg)	CAS No.	Substance Name	Content (mg)	Weight Ratio (ppm)	Remark
Ceramic substrate	6.360	1344-28-1	Aluminum oxide (Al2O3)	6.10560	960,000	
		14808-60-7	Silicon dioxide	0.13356	21,000	
		-	Misc., not to declare	0.12084	19,000	
Inner electrode	0.090	7440-22-4	Silver	0.08145	905,000	
		7440-05-3	Palladium	0.00117	13,000	
		1303-86-2	B2O3	0.00002	260	
		1304-28-5	BaO	0.00002	260	
		7631-86-9	Silicon dioxide	0.00036	4,000	
		1304-76-3	Bismuth(3+)oxide	0.00477	53,000	
		-	Misc., not to declare	0.00220	24,480	
Resistor film	0.050	12036-10-1	Ruthenium(IV)oxide	0.00915	183,000	
		1303-86-2	B2O3	0.00310	62,000	
		7631-86-9	Silicon dioxide	0.00490	98,000	
		1344-28-1	Aluminum oxide (Al2O3)	0.00100	20,000	
		1305-78-8	Calcium monoxide	0.00320	64,000	
		12059-63-1	Niobium oxide	0.00120	24,000	
		1317-36-8	Lead-monoxide	0.02155	431,000	Exemption from RoHS Directive
		1309-64-4	Antimonytrioxide	0.00075	15,000	
		1314-13-2	Zinc oxide	0.00130	26,000	
		-	Misc., not to declare	0.00385	77,000	
Inner protective overcoat	0.170	1303-86-2	B2O3	0.01292	76,000	
		7631-86-9	Silicon dioxide	0.02618	154,000	
		1344-28-1	Aluminum oxide (Al2O3)	0.01003	59,000	
		13463-67-7	Titanium oxide (TiO2)	0.00714	42,000	
		1317-36-8	Lead-monoxide	0.09350	550,000	Exemption from RoHS Directive
		68186-91-4	Copper chromite black spin	0.01530	90,000	
		-	Misc., not to declare	0.00493	29,000	
Outer protective overcoat	0.110	1303-86-2	B2O3	0.00891	81,000	
		7631-86-9	Silicon dioxide	0.02200	200,000	
		1344-28-1	Aluminum oxide (Al2O3)	0.00957	87,000	
		13463-67-7	Titanium oxide (TiO2)	0.00572	52,000	
		1317-36-8	Lead-monoxide	0.05951	541,000	Exemption from RoHS Directive
		-	Misc., not to declare	0.00429	39,000	
Side terminal	0.100	7440-22-4	Silver	0.08100	810,000	
		1303-86-2	B2O3	0.00100	10,000	
		7631-86-9	Silicon dioxide	0.00170	17,000	
		1317-36-8	Lead-monoxide	0.00950	95,000	Exemption from RoHS Directive
		-	Misc., not to declare	0.00680	68,000	
Inner plating	0.180	7440-02-0	Nickel	0.17955	997,500	
		-	Misc., not to declare	0.00045	2,500	
Outer plating	0.150	7440-31-5	Tin	0.14963	997,500	
		-	Misc., not to declare	0.00038	2,500	
	7.210		**Total**	7.210		

Remark

Lead in glass of electronic components is exempted from the requirements of RoHS Directive.
(PbO is used in thick film glass.)