



Material Content Data Sheet



Sales Product Name	BF 2040R E6814			Issued		29. August 2013		
MA#	MA000783604							
Package	PG-SOT143-4-6			Weight*		11.17 mg		
Construction Element	Material Group	Substances	CAS# if applicable	Weight [mg]	Average Mass [%]	Sum [%]	Average Mass [ppm]	Sum [ppm]
chip	inorganic material	silicon	7440-21-3	0.025	0.22	0.22	2198	2198
leadframe	non noble metal	nickel	7440-02-0	1.673	14.98		149817	
	non noble metal	iron	7439-89-6	2.310	20.69	35.67	206891	356708
wire	noble metal	gold	7440-57-5	0.017	0.15	0.15	1488	1488
encapsulation	organic material	carbon black	1333-86-4	0.104	0.93		9323	
	inorganic material	antimonytrioxide	1309-64-4	0.156	1.40		13984	
	plastics	brominated resin	-	0.195	1.75		17481	
	plastics	epoxy resin	-	1.626	14.57		145671	
	inorganic material	silicondioxide	60676-86-0	4.424	39.62	58.27	396227	582686
leadfinish	non noble metal	tin	7440-31-5	0.217	1.94	1.94	19401	19401
plating	noble metal	silver	7440-22-4	0.303	2.72	2.72	27167	27167
solder	non noble metal	tin	7440-31-5	0.024	0.21		2122	
	noble metal	gold	7440-57-5	0.092	0.82	1.03	8230	10352
*deviation	< 10%	Sum in total:			100,00		1000000	

Important Remarks:

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