



Material Content Data Sheet



Sales Product Name		BF 2040 E6814		Issued		20. July 2018		
MA#		MA001302524						
Package		PG-SOT143-4-1		Weight*		11.07 mg		
Construction Element	Material Group	Substances	CAS# if applicable	Weight [mg]	Average Mass [%]	Sum [%]	Average Mass [ppm]	Sum [ppm]
chip	noble metal	gold	7440-57-5	0.003	0.03		299	
	non noble metal	tin	7440-31-5	0.001	0.01		77	
	inorganic material	silicon	7440-21-3	0.027	0.25	0.29	2478	2854
leadframe	non noble metal	nickel	7440-02-0	1.673	15.12		151150	
	non noble metal	iron	7439-89-6	2.310	20.87	35.99	208731	359881
wire	noble metal	gold	7440-57-5	0.017	0.15	0.15	1539	1539
encapsulation	organic material	carbon black	1333-86-4	0.104	0.94		9420	
	inorganic material	antimonytrioxide	1309-64-4	0.156	1.41		14130	
	plastics	brominated resin	-	0.195	1.77		17662	
	plastics	epoxy resin	-	1.629	14.72		147187	
	inorganic material	silicondioxide	60676-86-0	4.430	40.03	58.87	400346	588745
leadfinish	non noble metal	tin	7440-31-5	0.217	1.96	1.96	19573	19573
plating	noble metal	silver	7440-22-4	0.303	2.74	2.74	27408	27408
*deviation	< 10%		Sum in total:			100.00		1000000

Important Remarks:

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3. All statements are based on our present knowledge, are provided 'as is' and may be subject to change at any time due to technical requirements and development without notification.

This product is in compliance with EU Directive 2015/863/EU amending Annex II to EU Directive 2011/65/EU (RoHS) and does not use any exemption

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