



## Material Content Data Sheet



Sales Product Name	BGR 405 H6327			Issued		27. November 2015		
MA#	MA000801602							
Package	PG-SOT343-4-1			Weight*		6.74 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	0.002	0.03		289	
	non noble metal	tin	7440-31-5	0.001	0.01		74	
	inorganic material	silicon	7440-21-3	0.014	0.21	0.25	2139	2502
leadframe	inorganic material	silicon	7440-21-3	0.001	0.01		100	
	non noble metal	titanium	7440-32-6	0.003	0.05		499	
	non noble metal	chromium	7440-47-3	0.010	0.15		1496	
	non noble metal	copper	7440-50-8	3.347	49.65	49.86	496631	498726
wire	noble metal	gold	7440-57-5	0.015	0.23	0.23	2261	2261
encapsulation	organic material	carbon black	1333-86-4	0.031	0.46		4571	
	plastics	epoxy resin	-	0.662	9.83		98277	
	inorganic material	silicondioxide	60676-86-0	2.388	35.43	45.72	354256	457104
leadfinish	non noble metal	tin	7440-31-5	0.202	2.99	2.99	29930	29930
plating	noble metal	silver	7440-22-4	0.064	0.95	0.95	9477	9477
*deviation	< 10%	Sum in total:			100.00		1000000	

### Important Remarks:

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This product is in compliance with EU Directive 2011/65/EU (RoHS) and does not use any exemption.

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