



## Material Content Data Sheet



<b>Sales Product Name</b>		BAR 81W H6327		<b>Issued</b>		27. September 2017		
<b>MA#</b>		MA001471930						
<b>Package</b>		PG-SOT343-4-2		<b>Weight*</b>		6.93 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	0.04		432	
	non noble metal	arsenic	7440-38-2	0.000	0.00		4	
	inorganic material	silicon	7440-21-3	0.026	0.37	0.41	3688	4124
leadframe	inorganic material	silicon	7440-21-3	0.001	0.01		99	
	non noble metal	titanium	7440-32-6	0.003	0.05		497	
	non noble metal	chromium	7440-47-3	0.010	0.15		1492	
	non noble metal	copper	7440-50-8	3.433	49.51	49.72	495088	497176
wire	noble metal	gold	7440-57-5	0.014	0.20	0.20	1987	1987
encapsulation	organic material	carbon black	1333-86-4	0.030	0.44		4364	
	plastics	epoxy resin	-	0.651	9.38		93834	
	inorganic material	silicondioxide	60676-86-0	2.345	33.82	43.64	338238	436436
leadfinish	non noble metal	tin	7440-31-5	0.202	2.91	2.91	29090	29090
plating	noble metal	silver	7440-22-4	0.216	3.12	3.12	31187	31187
*deviation	< 10%		Sum in total:			100.00		1000000

### Important Remarks:

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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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