



## Material Content Data Sheet



<b>Sales Product Name</b>				BAW 56S H6327		<b>Issued</b>		23. January 2020	
<b>MA#</b>				MA000844150					
<b>Package</b>				PG-SOT363-6-3		<b>Weight*</b>		6.46 mg	
Construction Element	Material Group	Substances	CAS# if applicable	Weight [mg]	Average Mass [%]	Sum [%]	Average Mass [ppm]	Sum [ppm]	
chip_1	non noble metal	arsenic	7440-38-2	0.000	0.00		3		
	noble metal	gold	7440-57-5	0.002	0.03		313		
	inorganic material	silicon	7440-21-3	0.017	0.27	0.30	2670	2986	
chip_2	non noble metal	arsenic	7440-38-2	0.000	0.00		3		
	noble metal	gold	7440-57-5	0.002	0.03		313		
	inorganic material	silicon	7440-21-3	0.017	0.27	0.30	2670	2986	
chip_3	non noble metal	arsenic	7440-38-2	0.000	0.00		3		
	noble metal	gold	7440-57-5	0.002	0.03		313		
	inorganic material	silicon	7440-21-3	0.017	0.27	0.30	2670	2986	
chip_4	non noble metal	arsenic	7440-38-2	0.000	0.00		3		
	noble metal	gold	7440-57-5	0.002	0.03		313		
	inorganic material	silicon	7440-21-3	0.017	0.27	0.30	2670	2986	
leadframe	inorganic material	silicon	7440-21-3	0.001	0.01		96		
	non noble metal	titanium	7440-32-6	0.003	0.05		481		
	non noble metal	chromium	7440-47-3	0.009	0.14		1442		
	non noble metal	copper	7440-50-8	3.093	47.85	48.05	478515	480534	
wire	non noble metal	copper	7440-50-8	0.010	0.16	0.16	1557	1557	
encapsulation	organic material	carbon black	1333-86-4	0.030	0.46		4627		
	plastics	epoxy resin	-	0.643	9.95		99492		
	inorganic material	silicondioxide	60676-86-0	2.318	35.86	46.27	358635	462754	
leadfinish	non noble metal	tin	7440-31-5	0.213	3.30	3.30	32991	32991	
plating	noble metal	silver	7440-22-4	0.066	1.02	1.02	10220	10220	
*deviation	< 10%		Sum in total:			100.00		1000000	

### Important Remarks:

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