



## Material Content Data Sheet



<b>Sales Product Name</b>				BAW 56U E6327		<b>Issued</b>		31. July 2018	
<b>MA#</b>				MA000957584					
<b>Package</b>				PG-SC74-6-2		<b>Weight*</b>		12.20 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		2		
	noble metal	gold	7440-57-5	0.002	0.02		166		
	inorganic material	silicon	7440-21-3	0.017	0.14	0.16	1415	1583	
chip_2	non noble metal	arsenic	7440-38-2	0.000	0.00		2		
	noble metal	gold	7440-57-5	0.002	0.02		166		
	inorganic material	silicon	7440-21-3	0.017	0.14	0.16	1415	1583	
chip_3	non noble metal	arsenic	7440-38-2	0.000	0.00		2		
	noble metal	gold	7440-57-5	0.002	0.02		166		
	inorganic material	silicon	7440-21-3	0.017	0.14	0.16	1415	1583	
chip_4	non noble metal	arsenic	7440-38-2	0.000	0.00		2		
	noble metal	gold	7440-57-5	0.002	0.02		166		
	inorganic material	silicon	7440-21-3	0.017	0.14	0.16	1415	1583	
leadframe	inorganic material	silicon	7440-21-3	0.001	0.01		76		
	non noble metal	titanium	7440-32-6	0.005	0.04		381		
	non noble metal	chromium	7440-47-3	0.014	0.11		1143		
	non noble metal	copper	7440-50-8	4.627	37.93	38.09	379284	380884	
wire	noble metal	gold	7440-57-5	0.031	0.25	0.25	2549	2549	
encapsulation	organic material	carbon black	1333-86-4	0.056	0.46		4612		
	plastics	brominated resin	-	0.070	0.58		5765		
	inorganic material	antimonytrioxide	1309-64-4	0.141	1.15		11530		
	plastics	epoxy resin	-	1.491	12.22		122216		
	inorganic material	silicondioxide	60676-86-0	5.274	43.24	57.65	432367	576490	
leadfinish	non noble metal	tin	7440-31-5	0.299	2.45	2.45	24546	24546	
plating	noble metal	silver	7440-22-4	0.112	0.92	0.92	9199	9199	
*deviation	< 10%		Sum in total:			100.00		1000000	

### Important Remarks:

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