



## Material Content Data Sheet



<b>Sales Product Name</b>				BAR 14-1 E6327		<b>Issued</b>		1. August 2018	
<b>MA#</b>				MA000487436					
<b>Package</b>				PG-SOT23-3-11		<b>Weight*</b>		8.82 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		5		
	noble metal	gold	7440-57-5	0.005	0.05		531		
	inorganic material	silicon	7440-21-3	0.053	0.60	0.65	5987	6523	
chip_2	non noble metal	arsenic	7440-38-2	0.000	0.00		5		
	noble metal	gold	7440-57-5	0.005	0.05		531		
	inorganic material	silicon	7440-21-3	0.053	0.60	0.65	5987	6523	
leadframe	inorganic material	silicon	7440-21-3	0.001	0.01		62		
	non noble metal	titanium	7440-32-6	0.003	0.03		308		
	non noble metal	chromium	7440-47-3	0.008	0.09		924		
	non noble metal	copper	7440-50-8	2.704	30.66	30.79	306620	307914	
wire	noble metal	gold	7440-57-5	0.012	0.13	0.13	1344	1344	
encapsulation	organic material	carbon black	1333-86-4	0.057	0.65		6496		
	plastics	brominated resin	-	0.086	0.97		9744		
	inorganic material	antimonytrioxide	1309-64-4	0.115	1.30		12992		
	plastics	epoxy resin	-	1.232	13.97		139666		
	inorganic material	silicondioxide	60676-86-0	4.240	48.08	64.97	480711	649609	
leadfinish	non noble metal	tin	7440-31-5	0.150	1.70	1.70	16967	16967	
plating	noble metal	silver	7440-22-4	0.098	1.11	1.11	11120	11120	
*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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