



Material Content Data Sheet



Sales Product Name	BAR 63-06 E6327			Issued		11. December 2019		
MA#	MA000511962							
Package	PG-SOT23-3-11			Weight*		8.80 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	0.003	0.03		340	
	inorganic material	silicon	7440-21-3	0.026	0.29	0.32	2906	3249
chip_2	non noble metal	arsenic	7440-38-2	0.000	0.00		3	
	noble metal	gold	7440-57-5	0.003	0.03		340	
	inorganic material	silicon	7440-21-3	0.026	0.29	0.32	2906	3249
leadframe	inorganic material	silicon	7440-21-3	0.001	0.01		62	
	non noble metal	titanium	7440-32-6	0.003	0.03		309	
	non noble metal	chromium	7440-47-3	0.008	0.09		926	
	non noble metal	copper	7440-50-8	2.704	30.73	30.86	307282	308579
wire	noble metal	gold	7440-57-5	0.007	0.08	0.08	785	785
encapsulation	organic material	carbon black	1333-86-4	0.058	0.66		6560	
	plastics	brominated resin	-	0.087	0.98		9840	
	inorganic material	antimonytrioxide	1309-64-4	0.115	1.31		13120	
	plastics	epoxy resin	-	1.241	14.10		141038	
	inorganic material	silicondioxide	60676-86-0	4.272	48.56	65.61	485432	655990
leadfinish	non noble metal	tin	7440-31-5	0.150	1.70	1.70	17004	17004
plating	noble metal	silver	7440-22-4	0.098	1.11	1.11	11144	11144
*deviation	< 10%	Sum in total:				100.00		1000000

Important Remarks:

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3. All statements are based on our present knowledge, are provided 'as is' and may be subject to change at any time due to technical requirements and development without notification.

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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