



Material Content Data Sheet



Sales Product Name	BAR 66 E6327	Issued	28. April 2021
MA#	MA000487586		
Package	PG-SOT23-3-11	Weight*	8.81 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			5	
	noble metal	gold	7440-57-5	0.005	0.05		531	
	inorganic material	silicon	7440-21-3	0.040	0.45	0.50	4534	5070
chip_2	non noble metal	arsenic	7440-38-2	0.000			5	
	noble metal	gold	7440-57-5	0.005	0.05		531	
	inorganic material	silicon	7440-21-3	0.040	0.45	0.50	4534	5070
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	30.68	30.81	306813	308107
wire	noble metal	gold	7440-57-5	0.012	0.13	0.13	1328	1328
encapsulation	organic material	carbon black	1333-86-4	0.057	0.65		6523	
	plastics	brominated resin	-	0.086	0.98		9785	
	inorganic material	antimonytrioxide	1309-64-4	0.115	1.30		13046	
	plastics	epoxy resin	-	1.236	14.02		140249	
	inorganic material	silicondioxide	60676-86-0	4.255	48.30	65.25	482717	652320
leadfinish	non noble metal	tin	7440-31-5	0.150	1.70	1.70	16978	16978
plating	noble metal	silver	7440-22-4	0.098	1.11	1.11	11127	11127
*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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