



Material Content Data Sheet



Sales Product Name	BAT 54-05 E6327	Issued	28. April 2021
MA#	MA000510710		
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			3	
	noble metal	gold	7440-57-5	0.003	0.03		340	
	inorganic material	silicon	7440-21-3	0.026	0.29	0.32	2905	3248
chip_2	non noble metal	arsenic	7440-38-2	0.000			3	
	noble metal	gold	7440-57-5	0.003	0.03		340	
	inorganic material	silicon	7440-21-3	0.026	0.29	0.32	2905	3248
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		925	
	non noble metal	copper	7440-50-8	2.704	30.72	30.85	307150	308445
wire	noble metal	gold	7440-57-5	0.011	0.13	0.13	1259	1259
encapsulation	organic material	carbon black	1333-86-4	0.058	0.66		6557	
	plastics	brominated resin	-	0.087	0.98		9835	
	inorganic material	antimonytrioxide	1309-64-4	0.115	1.31		13113	
	plastics	epoxy resin	-	1.241	14.10		140968	
	inorganic material	silicondioxide	60676-86-0	4.272	48.52	65.57	485191	655664
leadfinish	non noble metal	tin	7440-31-5	0.150	1.70	1.70	16996	16996
plating	noble metal	silver	7440-22-4	0.098	1.11	1.11	11140	11140
*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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