



Material Content Data Sheet



Sales Product Name		BAT 54-05 E6327		Issued		29. August 2013		
MA#		MA000510710						
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	non noble metal	arsenic	7440-38-2	0.000	0.00		10	
	noble metal	gold	7440-57-5	0.009	0.10		1020	
	inorganic material	silicon	7440-21-3	0.051	0.58	0.68	5808	6838
leadframe	non noble metal	chromium	7440-47-3	0.008	0.09		925	
	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	copper	7440-50-8	2.704	30.71	30.84	307052	308347
wire	noble metal	gold	7440-57-5	0.011	0.13	0.13	1268	1268
encapsulation	organic material	carbon black	1333-86-4	0.058	0.66		6554	
	plastics	brominated resin	-	0.087	0.98		9831	
	inorganic material	antimonytrioxide	1309-64-4	0.115	1.31		13108	
	plastics	epoxy resin	-	1.241	14.09		140915	
	inorganic material	silicondioxide	60676-86-0	4.272	48.50	65.54	485012	655420
leadfinish	non noble metal	tin	7440-31-5	0.150	1.70	1.70	16991	16991
plating	noble metal	silver	7440-22-4	0.098	1.11	1.11	11136	11136
*deviation	< 10%					Sum in total:	100,00	1000000

Important Remarks:

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