



## Material Content Data Sheet



Halogen-Free

<b>Sales Product Name</b>	BAT 54-02LRH E6327	<b>Issued</b>	12. May 2021
<b>MA#</b>	MA001789512		
<b>Package</b>	PG-TSLP-2-7	<b>Weight*</b>	0.52 mg

Construction Element	Material Group	Substances	CAS# if applicable	Weight [mg]	Average Mass [%]	Sum [%]	Average Mass [ppm]	Sum [ppm]
chip	non noble metal	tin	7440-31-5	0.001	0.10		1041	
	noble metal	gold	7440-57-5	0.002	0.40		4037	
	inorganic material	silicon	7440-21-3	0.026	4.93	5.43	49281	54359
leadframe	non noble metal	nickel	7440-02-0	0.100	19.32	19.32	193157	193157
wire	noble metal	gold	7440-57-5	0.006	1.10	1.10	11038	11038
encapsulation	inorganic material	antimonytrioxide	1309-64-4	0.000	0.03		349	
	organic material	carbon black	1333-86-4	0.004	0.70		6985	
	plastics	epoxy resin	-	0.049	9.43		94297	
	inorganic material	silicondioxide	60676-86-0	0.310	59.69	69.85	596862	698493
leadfinish	noble metal	gold	7440-57-5	0.010	1.86	1.86	18586	18586
plating	noble metal	palladium	7440-05-3	0.003	0.58		5781	
	noble metal	gold	7440-57-5	0.010	1.86	2.44	18586	24367
*deviation	< 10%	Sum in total:				100.00		1000000

### Important Remarks:

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