



## Material Content Data Sheet



Halogen-Free

<b>Sales Product Name</b>	BC 857S H6327	<b>Issued</b>	01. May 2021
<b>MA#</b>	MA000849564		
<b>Package</b>	PG-SOT363-6-1	<b>Weight*</b>	6.28 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			15	
	noble metal	gold	7440-57-5	0.009	0.15		1459	
	inorganic material	silicon	7440-21-3	0.078	1.25	1.40	12464	13938
leadframe	inorganic material	silicon	7440-21-3	0.001	0.01		92	
	non noble metal	titanium	7440-32-6	0.003	0.05		459	
	non noble metal	chromium	7440-47-3	0.009	0.14		1376	
	non noble metal	copper	7440-50-8	2.869	45.67	45.87	456783	458710
wire	non noble metal	copper	7440-50-8	0.010	0.17	0.17	1662	1662
encapsulation	organic material	carbon black	1333-86-4	0.030	0.48		4828	
	plastics	epoxy resin	-	0.652	10.38		103801	
	inorganic material	silicondioxide	60676-86-0	2.350	37.42	48.28	374165	482794
leadfinish	non noble metal	tin	7440-31-5	0.213	3.39	3.39	33947	33947
plating	noble metal	silver	7440-22-4	0.056	0.89	0.89	8949	8949
*deviation	< 10%				Sum in total:	100.00		1000000

### Important Remarks:

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