

Material Content Data Sheet

RoHS

Sales Product Name	BC 817K-25 E6327	**Issued**	02. June 2021
MA#	MA000446344		
Package	PG-SOT23-3-16	**Weight***	8.83 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			8	
	noble metal	gold	7440-57-5	0.007	0.08		800	
	inorganic material	silicon	7440-21-3	0.060	0.68	0.76	6829	7637
leadframe	inorganic material	silicon	7440-21-3	0.001	0.01		62	
	non noble metal	titanium	7440-32-6	0.003	0.03		310	
	non noble metal	chromium	7440-47-3	0.008	0.09		932	
	non noble metal	copper	7440-50-8	2.731	30.92	31.05	309199	310503
wire	noble metal	gold	7440-57-5	0.013	0.15	0.15	1523	1523
encapsulation	organic material	carbon black	1333-86-4	0.058	0.65		6521	
	plastics	brominated resin	-	0.086	0.98		9782	
	inorganic material	antimonytrioxide	1309-64-4	0.115	1.30		13042	
	plastics	epoxy resin	-	1.238	14.02		140204	
	inorganic material	silicondioxide	60676-86-0	4.262	48.27	65.22	482564	652113
leadfinish	non noble metal	tin	7440-31-5	0.150	1.69	1.69	16943	16943
plating	noble metal	silver	7440-22-4	0.100	1.13	1.13	11281	11281
*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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