

Material Content Data Sheet

RoHS | Halogen-Free

Sales Product Name	BCP 69-25 H6327	**Issued**	1. August 2018
MA#	MA001219560		
Package	PG-SOT223-4-24	**Weight***	107.22 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	0.007	0.01		64	
	noble metal	gold	7440-57-5	0.027	0.02		249	
	inorganic material	silicon	7440-21-3	0.326	0.30	0.33	3042	3355
leadframe	inorganic material	silicon	7440-21-3	0.009	0.01		80	
	non noble metal	titanium	7440-32-6	0.043	0.04		398	
	non noble metal	chromium	7440-47-3	0.128	0.12		1193	
	non noble metal	copper	7440-50-8	42.459	39.60	39.77	395983	397654
wire	non noble metal	copper	7440-50-8	0.075	0.07	0.07	699	699
encapsulation	organic material	carbon black	1333-86-4	0.622	0.58		5800	
	plastics	epoxy resin	-	9.329	8.70		87004	
	inorganic material	silicondioxide	60676-86-0	52.242	48.72	58.00	487220	580024
leadfinish	non noble metal	tin	7440-31-5	1.464	1.37	1.37	13654	13654
plating	noble metal	silver	7440-22-4	0.495	0.46	0.46	4614	4614
*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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