

Material Content Data Sheet

RoHS | Halogen-Free

Sales Product Name	BSP315P H6327	**Issued**	02. April 2021
MA#	MA001623194		
Package	PG-SOT223-4-21	**Weight***	113.57 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	0.008	0.01		73	
	noble metal	gold	7440-57-5	0.032	0.03		285	
	inorganic material	silicon	7440-21-3	0.367	0.32	0.36	3227	3585
leadframe	inorganic material	silicon	7440-21-3	0.010	0.01		89	
	non noble metal	titanium	7440-32-6	0.051	0.04		446	
	non noble metal	chromium	7440-47-3	0.152	0.13		1339	
	non noble metal	copper	7440-50-8	50.489	44.46	44.64	444576	446450
wire	non noble metal	copper	7440-50-8	0.104	0.09	0.09	912	912
encapsulation	inorganic material	zincoxide	1314-13-2	0.302	0.27		2658	
	organic material	carbon black	1333-86-4	0.604	0.53		5316	
	miscellaneous	miscellaneous	-	1.208	1.06		10633	
	plastics	epoxy resin	-	8.151	7.18		71772	
	inorganic material	silicondioxide	60676-86-0	50.113	44.13	53.17	441266	531645
leadfinish	non noble metal	tin	7440-31-5	1.464	1.29	1.29	12891	12891
plating	noble metal	silver	7440-22-4	0.513	0.45	0.45	4517	4517
*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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