

Material Content Data Sheet

RoHS | Halogen-Free

Sales Product Name	BSS83P H6327	**Issued**	01. April 2021
MA#	MA001216304		
Package	PG-SOT23-3-5	**Weight***	9.35 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	0.004	0.04		404	
	noble metal	gold	7440-57-5	0.015	0.16		1566	
	inorganic material	silicon	7440-21-3	0.166	1.77	1.97	17748	19718
leadframe	inorganic material	silicon	7440-21-3	0.001	0.01		65	
	non noble metal	titanium	7440-32-6	0.003	0.03		322	
	non noble metal	chromium	7440-47-3	0.009	0.10		967	
	non noble metal	copper	7440-50-8	3.000	32.10	32.24	321035	322389
wire	non noble metal	copper	7440-50-8	0.007	0.08	0.08	772	772
encapsulation	organic material	carbon black	1333-86-4	0.057	0.61		6107	
	plastics	epoxy resin	-	1.227	13.13		131295	
	inorganic material	silicondioxide	60676-86-0	4.423	47.33	61.07	473276	610678
leadfinish	non noble metal	tin	7440-31-5	0.150	1.60	1.60	16011	16011
plating	noble metal	silver	7440-22-4	0.284	3.04	3.04	30432	30432
*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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