

Material Content Data Sheet

RoHS | Halogen-Free

Sales Product Name	BSS205N H6327	**Issued**	18. August 2021
MA#	MA001627236		
Package	PG-SOT23-3-5	**Weight***	9.42 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	0.05		468	
	noble metal	gold	7440-57-5	0.017	0.18		1816	
	inorganic material	silicon	7440-21-3	0.261	2.77	3.00	27707	29991
leadframe	inorganic material	silicon	7440-21-3	0.001	0.01		64	
	non noble metal	titanium	7440-32-6	0.003	0.03		320	
	non noble metal	chromium	7440-47-3	0.009	0.10		960	
	non noble metal	copper	7440-50-8	3.000	31.86	32.00	318553	319897
wire	non noble metal	copper	7440-50-8	0.073	0.77	0.77	7724	7724
encapsulation	organic material	carbon black	1333-86-4	0.056	0.60		5963	
	plastics	epoxy resin	-	1.208	12.82		128205	
	inorganic material	silicondioxide	60676-86-0	4.353	46.20	59.62	462136	596304
leadfinish	non noble metal	tin	7440-31-5	0.150	1.59	1.59	15887	15887
plating	noble metal	silver	7440-22-4	0.284	3.02	3.02	30197	30197
*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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