

Material Content Data Sheet

RoHS | Halogen-Free

Sales Product Name	BSR315P H6327	**Issued**	4. February 2020
MA#	MA001307956		
Package	PG-SC59-3-3	**Weight***	13.81 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	0.06		604	
	noble metal	gold	7440-57-5	0.032	0.23		2341	
	inorganic material	silicon	7440-21-3	0.367	2.65	2.94	26533	29478
leadframe	inorganic material	silicon	7440-21-3	0.001	0.01		81	
	non noble metal	titanium	7440-32-6	0.006	0.04		404	
	non noble metal	chromium	7440-47-3	0.017	0.12		1213	
	non noble metal	copper	7440-50-8	5.564	40.28	40.45	402789	404487
wire	non noble metal	copper	7440-50-8	0.044	0.32	0.32	3152	3152
encapsulation	organic material	carbon black	1333-86-4	0.073	0.53		5321	
	plastics	epoxy resin	-	1.580	11.44		114394	
	inorganic material	silicondioxide	60676-86-0	5.696	41.24	53.21	412349	532064
leadfinish	non noble metal	tin	7440-31-5	0.258	1.87	1.87	18686	18686
plating	noble metal	silver	7440-22-4	0.168	1.21	1.21	12133	12133
*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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