

Material Content Data Sheet

RoHS | Halogen-Free

Sales Product Name	BCV 28 H6327	**Issued**	1. August 2018
MA#	MA001219978		
Package	PG-SOT89-4-3	**Weight***	53.12 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	0.003	0.01		54	
	noble metal	gold	7440-57-5	0.011	0.02		211	
	inorganic material	silicon	7440-21-3	0.137	0.26	0.29	2579	2844
leadframe	inorganic material	silicon	7440-21-3	0.005	0.01		95	
	non noble metal	titanium	7440-32-6	0.025	0.05		475	
	non noble metal	chromium	7440-47-3	0.076	0.14		1424	
	non noble metal	copper	7440-50-8	25.112	47.26	47.46	472724	474718
wire	non noble metal	copper	7440-50-8	0.013	0.02	0.02	239	239
encapsulation	organic material	carbon black	1333-86-4	0.269	0.51		5057	
	plastics	epoxy resin	-	4.030	7.59		75860	
	inorganic material	silicondioxide	60676-86-0	22.567	42.48	50.58	424814	505731
leadfinish	non noble metal	tin	7440-31-5	0.801	1.51	1.51	15084	15084
plating	noble metal	silver	7440-22-4	0.073	0.14	0.14	1384	1384
*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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