



Material Content Data Sheet



Sales Product Name		BAV 70W H6327		Issued		31. July 2018		
MA#		MA000782172						
Package		PG-SOT323-3-1		Weight*		5.96 mg		
Construction Element	Material Group	Substances	CAS# if applicable	Weight [mg]	Average Mass [%]	Sum [%]	Average Mass [ppm]	Sum [ppm]
chip	non noble metal	arsenic	7440-38-2	0.000	0.00		7	
	noble metal	gold	7440-57-5	0.004	0.07		678	
	inorganic material	silicon	7440-21-3	0.035	0.58	0.65	5794	6479
leadframe	inorganic material	silicon	7440-21-3	0.001	0.01		88	
	non noble metal	titanium	7440-32-6	0.003	0.04		441	
	non noble metal	chromium	7440-47-3	0.008	0.13		1324	
	non noble metal	copper	7440-50-8	2.617	43.94	44.12	439317	441170
wire	non noble metal	copper	7440-50-8	0.004	0.07	0.07	742	742
encapsulation	organic material	carbon black	1333-86-4	0.031	0.53		5276	
	plastics	epoxy resin	-	0.676	11.34		113445	
	inorganic material	silicondioxide	60676-86-0	2.436	40.89	52.76	408930	527651
leadfinish	non noble metal	tin	7440-31-5	0.133	2.23	2.23	22277	22277
plating	noble metal	silver	7440-22-4	0.010	0.17	0.17	1681	1681
*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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