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Material Content Data Sheet



Sales Product Name		BAS 3005B-02V H6327		Issued		1. August 2018		
MA#		MA000767890						
Package		PG-SC79-2-1		Weight*		1.68 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		31	
	noble metal	gold	7440-57-5	0.005	0.31		3068	
	inorganic material	silicon	7440-21-3	0.044	2.62	2.93	26201	29300
leadframe	inorganic material	silicon	7440-21-3	0.000	0.01		92	
	non noble metal	titanium	7440-32-6	0.001	0.05		458	
	non noble metal	chromium	7440-47-3	0.002	0.14		1375	
	non noble metal	copper	7440-50-8	0.767	45.65	45.85	456506	458431
wire	non noble metal	copper	7440-50-8	0.007	0.41	0.41	4052	4052
encapsulation	organic material	carbon black	1333-86-4	0.007	0.42		4232	
	plastics	epoxy resin	-	0.121	7.19		71948	
	inorganic material	silicondioxide	60676-86-0	0.583	34.70	42.31	347041	423221
leadfinish	non noble metal	tin	7440-31-5	0.055	3.25	3.25	32472	32472
plating	noble metal	silver	7440-22-4	0.088	5.25	5.25	52524	52524
*deviation	< 10%		Sum in total:			100.00		1000000

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