



Material Content Data Sheet



Sales Product Name	BAV 70U E6327	Issued	03. May 2021
MA#	MA000957438		
Package	PG-SC74-6-2	Weight*	12.20 mg

Construction Element	Material Group	Substances	CAS# if applicable	Weight [mg]	Average Mass [%]	Sum [%]	Average Mass [ppm]	Sum [ppm]
chip_1	non noble metal	arsenic	7440-38-2	0.000			3	
	noble metal	gold	7440-57-5	0.004	0.03		321	
	inorganic material	silicon	7440-21-3	0.033	0.27	0.30	2741	3065
chip_2	non noble metal	arsenic	7440-38-2	0.000			3	
	noble metal	gold	7440-57-5	0.004	0.03		321	
	inorganic material	silicon	7440-21-3	0.033	0.27	0.30	2741	3065
leadframe	inorganic material	silicon	7440-21-3	0.001	0.01		76	
	non noble metal	titanium	7440-32-6	0.005	0.04		381	
	non noble metal	chromium	7440-47-3	0.014	0.11		1143	
	non noble metal	copper	7440-50-8	4.627	37.93	38.09	379319	380919
wire	noble metal	gold	7440-57-5	0.031	0.25	0.25	2511	2511
encapsulation	organic material	carbon black	1333-86-4	0.056	0.46		4614	
	plastics	brominated resin	-	0.070	0.58		5767	
	inorganic material	antimonytrioxide	1309-64-4	0.141	1.15		11534	
	plastics	epoxy resin	-	1.491	12.23		122259	
	inorganic material	silicondioxide	60676-86-0	5.276	43.27	57.69	432518	576692
leadfinish	non noble metal	tin	7440-31-5	0.299	2.45	2.45	24548	24548
plating	noble metal	silver	7440-22-4	0.112	0.92	0.92	9200	9200
*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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