



Material Content Data Sheet



Sales Product Name		BCR 146 E6327		Issued		29. August 2013		
MA#		MA000465730						
Package		PG-SOT23-3-11		Weight*		8.81 mg		
Construction Element	Material Group	Substances	CAS# if applicable	Weight [mg]	Average Mass [%]	Sum [%]	Average Mass [ppm]	Sum [ppm]
chip	noble metal	gold	7440-57-5	0.008	0.09		854	
	non noble metal	arsenic	7440-38-2	0.000	0.00		9	
	inorganic material	silicon	7440-21-3	0.043	0.49	0.58	4861	5724
leadframe	non noble metal	chromium	7440-47-3	0.008	0.09		925	
	inorganic material	silicon	7440-21-3	0.001	0.01		62	
	non noble metal	titanium	7440-32-6	0.003	0.03		308	
	non noble metal	copper	7440-50-8	2.704	30.71	30.84	307138	308433
wire	noble metal	gold	7440-57-5	0.012	0.13	0.13	1347	1347
encapsulation	organic material	carbon black	1333-86-4	0.058	0.66		6564	
	plastics	brominated resin	-	0.087	0.98		9845	
	inorganic material	antimonytrioxide	1309-64-4	0.116	1.31		13127	
	plastics	epoxy resin	-	1.242	14.11		141118	
	inorganic material	silicondioxide	60676-86-0	4.276	48.58	65.64	485707	656361
leadfinish	non noble metal	tin	7440-31-5	0.150	1.70	1.70	16996	16996
plating	noble metal	silver	7440-22-4	0.098	1.11	1.11	11139	11139
*deviation	< 10%		Sum in total:			100,00		1000000

Important Remarks:

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