



## Material Content Data Sheet



<b>Sales Product Name</b>		BCR 450 E6327		<b>Issued</b>		29. August 2013		
<b>MA#</b>		MA000904730						
<b>Package</b>		PG-SC74-6-4		<b>Weight*</b>		13.05 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	0.010	0.08		760	
	noble metal	gold	7440-57-5	0.038	0.29		2946	
	inorganic material	silicon	7440-21-3	0.469	3.60	3.97	35953	39659
leadframe	inorganic material	silicon	7440-21-3	0.001	0.01		85	
	non noble metal	titanium	7440-32-6	0.006	0.04		427	
	non noble metal	chromium	7440-47-3	0.017	0.13		1281	
	non noble metal	copper	7440-50-8	5.548	42.52	42.70	425312	427105
wire	noble metal	gold	7440-57-5	0.039	0.30	0.30	3001	3001
encapsulation	organic material	carbon black	1333-86-4	0.052	0.40		3960	
	plastics	brominated resin	-	0.065	0.50		4950	
	inorganic material	antimonytrioxide	1309-64-4	0.129	0.99		9900	
	plastics	epoxy resin	-	1.369	10.49		104936	
	inorganic material	silicondioxide	60676-86-0	4.843	37.12	49.50	371237	494983
leadfinish	non noble metal	tin	7440-31-5	0.299	2.30	2.30	22955	22955
plating	noble metal	silver	7440-22-4	0.160	1.23	1.23	12297	12297
*deviation	< 10%		Sum in total:			100,00		1000000

### Important Remarks:

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