

Material Content Data Sheet

RoHS | Halogen-Free

Sales Product Name	BCX 69-25 H6327	**Issued**	1. August 2018
MA#	MA001219996		
Package	PG-SOT89-4-3	**Weight***	53.20 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	0.007	0.01		130	
	noble metal	gold	7440-57-5	0.027	0.05		502	
	inorganic material	silicon	7440-21-3	0.326	0.61	0.67	6132	6764
leadframe	inorganic material	silicon	7440-21-3	0.005	0.01		95	
	non noble metal	titanium	7440-32-6	0.025	0.05		474	
	non noble metal	chromium	7440-47-3	0.076	0.14		1422	
	non noble metal	copper	7440-50-8	25.112	47.21	47.41	472050	474041
wire	non noble metal	copper	7440-50-8	0.048	0.09	0.09	906	906
encapsulation	organic material	carbon black	1333-86-4	0.267	0.50		5018	
	plastics	epoxy resin	-	4.004	7.53		75277	
	inorganic material	silicondioxide	60676-86-0	22.425	42.15	50.18	421549	501844
leadfinish	non noble metal	tin	7440-31-5	0.801	1.51	1.51	15063	15063
plating	noble metal	silver	7440-22-4	0.073	0.14	0.14	1382	1382
*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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