



## Material Content Data Sheet



Halogen-Free

<b>Sales Product Name</b>	PZTA 42 H6327	<b>Issued</b>	18. August 2021
<b>MA#</b>	MA001212006		
<b>Package</b>	PG-SOT223-4-24	<b>Weight*</b>	107.14 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	0.003			32	
	noble metal	gold	7440-57-5	0.013	0.01		122	
	inorganic material	silicon	7440-21-3	0.160	0.15	0.16	1492	1646
leadframe	inorganic material	silicon	7440-21-3	0.009	0.01		80	
	non noble metal	titanium	7440-32-6	0.043	0.04		398	
	non noble metal	chromium	7440-47-3	0.128	0.12		1194	
	non noble metal	copper	7440-50-8	42.459	39.63	39.80	396298	397970
wire	non noble metal	copper	7440-50-8	0.020	0.02	0.02	190	190
encapsulation	inorganic material	zinc oxide	1314-13-2	0.312	0.29		2910	
	organic material	carbon black	1333-86-4	0.623	0.58		5819	
	miscellaneous	miscellaneous	-	1.247	1.16		11638	
	plastics	epoxy resin	-	8.417	7.86		78558	
	inorganic material	silicon dioxide	60676-86-0	51.747	48.30	58.19	482988	581913
lead finish	non noble metal	tin	7440-31-5	1.464	1.37	1.37	13664	13664
plating	noble metal	silver	7440-22-4	0.495	0.46	0.46	4617	4617
*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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