



## Material Content Data Sheet



<b>Sales Product Name</b>		TDK5110F		<b>Issued</b>		2. August 2018		
<b>MA#</b>		MA000877774						
<b>Package</b>		PG-TSSOP-10-3		<b>Weight*</b>		23.02 mg		
Construction Element	Material Group	Substances	CAS# if applicable	Weight [mg]	Average Mass [%]	Sum [%]	Average Mass [ppm]	Sum [ppm]
chip	inorganic material	silicon	7440-21-3	0.989	4.30	4.30	42951	42951
leadframe	inorganic material	silicon	7440-21-3	0.002	0.01		77	
	non noble metal	titanium	7440-32-6	0.009	0.04		385	
	non noble metal	chromium	7440-47-3	0.027	0.12		1155	
	non noble metal	copper	7440-50-8	8.828	38.35	38.52	383464	385081
wire	noble metal	gold	7440-57-5	0.100	0.44	0.44	4360	4360
encapsulation	organic material	carbon black	1333-86-4	0.091	0.39		3938	
	plastics	brominated resin	-	0.113	0.49		4923	
	inorganic material	antimonytrioxide	1309-64-4	0.227	0.98		9846	
	plastics	epoxy resin	-	2.063	8.96		89600	
	inorganic material	silicondioxide	60676-86-0	8.841	38.40	49.22	384001	492308
leadfinish	non noble metal	tin	7440-31-5	0.505	2.19	2.19	21948	21948
plating	noble metal	silver	7440-22-4	0.836	3.63	3.63	36292	36292
glue	plastics	epoxy resin	-	0.079	0.34		3412	
	noble metal	silver	7440-22-4	0.314	1.36	1.70	13648	17060
*deviation	< 10%				Sum in total:	100.00		1000000

### Important Remarks:

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3. All statements are based on our present knowledge, are provided 'as is' and may be subject to change at any time due to technical requirements and development without notification.

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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