

Material Content Data Sheet

RoHS | Halogen-Free

Sales Product Name	TLS715B0EJ V50	**Issued**	25. June 2015
MA#	MA001335010		
Package	PG-DSO-8-52	**Weight***	83.60 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	0.642	0.77	0.77	7684	7684
leadframe	inorganic material	phosphorus	7723-14-0	0.009	0.01		109	
	non noble metal	zinc	7440-66-6	0.036	0.04		435	
	non noble metal	iron	7439-89-6	0.728	0.87		8704	
	non noble metal	copper	7440-50-8	29.548	35.34	36.26	353431	362679
wire	non noble metal	copper	7440-50-8	0.046	0.05	0.05	545	545
encapsulation	organic material	carbon black	1333-86-4	0.102	0.12		1217	
	plastics	epoxy resin	-	4.680	5.60		55981	
	inorganic material	silicondioxide	60676-86-0	46.089	55.14	60.86	551292	608490
leadfinish	non noble metal	tin	7440-31-5	0.704	0.84	0.84	8419	8419
plating	noble metal	silver	7440-22-4	0.725	0.87	0.87	8666	8666
glue	plastics	epoxy resin	-	0.074	0.09		879	
	noble metal	silver	7440-22-4	0.221	0.26	0.35	2638	3517
*deviation	< 10%				Sum in total:	100.00		1000000

Important Remarks:

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This product is in compliance with EU Directive 2011/65/EU (RoHS) and does not use any exemption.

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