

Material Content Data Sheet

Sales Product Name	TLE4274GS V33	**Issued**	09. March 2021
MA#	MA000041632		
Package	P-SOT223-4-6	**Weight***	111.70 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	1.163	1.04	1.04	10409	10409
leadframe	inorganic material	silicon	7440-21-3	0.010	0.01		91	
	non noble metal	titanium	7440-32-6	0.051	0.05		456	
	non noble metal	chromium	7440-47-3	0.153	0.14		1367	
	non noble metal	copper	7440-50-8	50.679	45.36	45.56	453725	455639
wire	noble metal	gold	7440-57-5	0.237	0.21	0.21	2119	2119
encapsulation	organic material	carbon black	1333-86-4	0.461	0.41		4124	
	plastics	brominated resin	-	0.576	0.52		5155	
	inorganic material	antimonytrioxide	1309-64-4	1.152	1.03		10310	
	plastics	epoxy resin	-	10.479	9.38		93822	
	inorganic material	silicondioxide	60676-86-0	44.912	40.21	51.55	402094	515505
leadfinish	non noble metal	lead	7439-92-1	0.184	0.17		1651	
	non noble metal	tin	7440-31-5	0.468	0.42	0.59	4194	5845
plating	noble metal	silver	7440-22-4	0.768	0.69	0.69	6873	6873
glue	plastics	epoxy resin	-	0.071	0.06		632	
	noble metal	silver	7440-22-4	0.333	0.30	0.36	2978	3610
*deviation	< 10%				Sum in total:	100.00		1000000

Important Remarks:

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