



Material Content Data Sheet



Sales Product Name				TLE4927C E6547		Issued		25. September 2017	
MA#				MA000727172					
Package				PG-SSO-3-92		Weight*		156.58 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	2.277	1.45	1.45	14540	14540	
leadframe	non noble metal	chromium	7440-47-3	0.240	0.15		1531		
	non noble metal	titanium	7440-32-6	0.240	0.15		1531		
	non noble metal	nickel	7440-02-0	0.320	0.20		2041		
	non noble metal	tin	7440-31-5	0.479	0.31		3062		
	non noble metal	copper	7440-50-8	78.632	50.23	51.04	502204	510369	
wire	noble metal	gold	7440-57-5	0.073	0.05	0.05	467	467	
encapsulation	organic material	carbon black	1333-86-4	0.426	0.27		2720		
	plastics	brominated resin	-	0.532	0.34		3400		
	inorganic material	antimonytrioxide	1309-64-4	1.065	0.68		6800		
	plastics	epoxy resin	-	9.688	6.19		61876		
	inorganic material	silicondioxide	60676-86-0	41.521	26.52	34.00	265185	339981	
leadfinish	non noble metal	tin	7440-31-5	5.635	3.60	3.60	35987	35987	
plating	noble metal	silver	7440-22-4	0.442	0.28	0.28	2823	2823	
glue	plastics	epoxy resin	-	0.147	0.09		940		
	noble metal	silver	7440-22-4	0.589	0.38	0.47	3760	4700	
smd	non noble metal	copper	7440-50-8	0.073	0.05		463		
	noble metal	palladium	7440-05-3	0.081	0.05		515		
	plastics	epoxy resin	-	0.008	0.00		50		
	inorganic material	ytterbiumoxide	1314-37-0	0.185	0.12		1181		
	inorganic material	yttriumoxide	1314-36-9	0.226	0.14		1442		
	non noble metal	nickel	7440-02-0	0.384	0.25		2453		
	noble metal	silver	7440-22-4	1.432	0.91		9147		
	inorganic material	titandioxide	13463-67-7	5.074	3.24		32408		
	inorganic material	bariumoxide	1304-28-5	6.807	4.35	9.11	43474	91133	
*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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