

Material Content Data Sheet

RoHS

Sales Product Name	TLE4983C-HT E6747	**Issued**	05. May 2021
MA#	MA000434832		
Package	PG-SSO-3-9	**Weight***	157.60 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	2.571	1.63	1.63	16312	16312
leadframe	non noble metal	chromium	7440-47-3	0.238	0.15		1510	
	non noble metal	titanium	7440-32-6	0.238	0.15		1510	
	non noble metal	nickel	7440-02-0	0.317	0.20		2013	
	non noble metal	tin	7440-31-5	0.476	0.30		3020	
	non noble metal	copper	7440-50-8	78.056	49.53	50.33	495274	503327
wire	noble metal	gold	7440-57-5	0.045	0.03	0.03	285	285
encapsulation	organic material	carbon black	1333-86-4	0.424	0.27		2690	
	plastics	brominated resin	-	0.530	0.34		3363	
	inorganic material	antimonytrioxide	1309-64-4	1.060	0.67		6726	
	plastics	epoxy resin	-	9.647	6.12		61208	
	inorganic material	silicondioxide	60676-86-0	41.342	26.23	33.63	262320	336307
leadfinish	non noble metal	tin	7440-31-5	5.565	3.53	3.53	35311	35311
plating	noble metal	silver	7440-22-4	1.003	0.64	0.64	6362	6362
glue	plastics	epoxy resin	-	0.158	0.10		1000	
	noble metal	silver	7440-22-4	0.630	0.40	0.50	3999	4999
smd	non noble metal	copper	7440-50-8	0.085	0.05		542	
	noble metal	palladium	7440-05-3	0.095	0.06		602	
	inorganic material	yttriumoxide	1314-36-9	0.238	0.15		1508	
	non noble metal	nickel	7440-02-0	0.266	0.17		1685	
	inorganic material	ytterbiumoxide	1314-37-0	0.489	0.31		3104	
	noble metal	silver	7440-22-4	1.648	1.05		10458	
	inorganic material	bariumtitanate	12047-27-7	12.462	7.91	9.70	79073	96972
smd adhesive	plastics	epoxy resin	-	0.004			25	
	noble metal	silver	7440-22-4	0.016	0.01	0.01	100	125
*deviation	< 10%				Sum in total:	100.00		1000000

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