



Material Content Data Sheet



Sales Product Name				TLE4983C-HT E6747		Issued		27. September 2017	
MA#				MA000434832					
Package				PG-SSO-3-9		Weight*		156.55 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	1.64	1.64	16422	16422	
leadframe	non noble metal	chromium	7440-47-3	0.238	0.15		1520		
	non noble metal	titanium	7440-32-6	0.238	0.15		1520		
	non noble metal	nickel	7440-02-0	0.317	0.20		2027		
	non noble metal	tin	7440-31-5	0.476	0.30		3040		
	non noble metal	copper	7440-50-8	78.056	49.88	50.68	498606	506713	
wire	noble metal	gold	7440-57-5	0.045	0.03	0.03	286	286	
encapsulation	organic material	carbon black	1333-86-4	0.424	0.27		2709		
	plastics	brominated resin	-	0.530	0.34		3386		
	inorganic material	antimonytrioxide	1309-64-4	1.060	0.68		6771		
	plastics	epoxy resin	-	9.647	6.16		61620		
	inorganic material	silicondioxide	60676-86-0	41.342	26.41	33.86	264085	338571	
leadfinish	non noble metal	tin	7440-31-5	5.565	3.55	3.55	35548	35548	
plating	noble metal	silver	7440-22-4	1.003	0.64	0.64	6405	6405	
glue	plastics	epoxy resin	-	0.158	0.10		1006		
	noble metal	silver	7440-22-4	0.630	0.40	0.50	4026	5032	
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	-	0.004	0.00		25		
	inorganic material	ytterbiumoxide	1314-37-0	0.185	0.12		1182		
	inorganic material	yttriumoxide	1314-36-9	0.226	0.14		1443		
	non noble metal	nickel	7440-02-0	0.384	0.25		2453		
	noble metal	silver	7440-22-4	1.417	0.90		9048		
	inorganic material	titandioxide	13463-67-7	5.074	3.24		32413		
	inorganic material	bariumoxide	1304-28-5	6.807	4.35	9.10	43481	91023	
*deviation	< 10%			Sum in total:		100.00		1000000	

Important Remarks:

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