



Material Content Data Sheet



Sales Product Name		TLE5025C E6747		Issued		28. August 2013		
MA#		MA000783568						
Package		PG-SSO-3-92		Weight*		159.90 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	2.696	1.69	1.69	16861	16861
leadframe	non noble metal	chromium	7440-47-3	0.240	0.15		1499	
	non noble metal	titanium	7440-32-6	0.240	0.15		1499	
	noble metal	silver	7440-22-4	0.320	0.20		1999	
	non noble metal	tin	7440-31-5	0.479	0.30		2999	
	non noble metal	copper	7440-50-8	78.632	49.16	49.96	491765	499761
wire	noble metal	gold	7440-57-5	0.089	0.06	0.06	555	555
encapsulation	organic material	carbon black	1333-86-4	0.423	0.26		2645	
	plastics	brominated resin	-	0.529	0.33		3306	
	inorganic material	antimonytrioxide	1309-64-4	1.057	0.66		6612	
	plastics	epoxy resin	-	9.620	6.02		60166	
	inorganic material	silicondioxide	60676-86-0	41.230	25.79	33.06	257854	330583
leadfinish	non noble metal	tin	7440-31-5	5.565	3.48	3.48	34804	34804
plating	noble metal	silver	7440-22-4	0.442	0.28	0.28	2764	2764
glue	plastics	epoxy resin	-	0.163	0.10		1017	
	noble metal	silver	7440-22-4	0.651	0.41	0.51	4068	5085
smd	plastics	epoxy resin	-	0.004	0.00		25	
	noble metal	palladium	7440-05-3	0.466	0.29		2916	
	noble metal	silver	7440-22-4	0.550	0.34		3437	
	non noble metal	copper	7440-50-8	1.210	0.76		7567	
	non noble metal	nickel	7440-02-0	1.513	0.95		9460	
	inorganic material	bariumtitanate	12047-27-7	13.780	8.62	10.96	86182	109587
*deviation	< 10%		Sum in total:			100.00		1000000

Important Remarks:

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