



TO-220F 物料成分表

Material Composition Data

构成部件 Sub-part(if yes)		构成成分 Composition	CAS编号 CAS No.	化学成分%
英文名称 English	重量(mg) Weight	英文名称 English		
Die	14.84	Si	7440-21-3	100.00%
Lead Frame	1282.1	铜	7440-50-8	99.85%
		铁	7439-89-6	0.10%
		磷	12023-53-9 1310-43-6	0.03%
		银	7440-22-4	0.02%
Solder	16.41	Pb	7439-92-1	92.5-95.5%
		Ag	7440-22-4	2.50%
		Sn	7440-31-5	2.00%
Wire	8.995	Cu	7429-90-5	99.00%
		Others	7429-90-5	1.00%
		AL	7429-90-5	99.99%
		Others	/	0.01%
Mold Compound	829.95	Si-oxide Quartz	14808-60-7	79.00%
		o-Cresol, formaldehyde, epichlorohydrin polymer	29690-82-2	4.00%
		Boron zinc hydroxide oxide	138265-88-0	8.00%
		Phenol-formaldehyde polymer	9003-35-4	8.00%
		3-Trimethoxysilylpropane-1-thiol	4420-74-0	0.50%
		Carbon black	1333-86-4	0.50%
Plating	5.44	Tin	7440-31-5	≥99.99%
Total	2157			

Notes: Lead in internal soft solder, ROHS exemption clause Annex 7a"lead in high melting temperature type solders" applied. Materials Disclosure Disclaimer: Even though all possible efforts have been made to provide you with the information, it is for guidance only and we cannot guarantee to its accuracy or completeness.