

附件 C: 引线框架原材料的种类

base Metal	Feature	Name	Chemical Composition	T.S	E.C	H.C	Remarks	
Ni 系	High Strength	Alloy 42	Fe58/Ni42	68	3	0.11		
		Kovar	Fe46/Ni29/Co17	76	3			
Cu 系	High Electrical Conductivity	C155	CuAg99.8/P0.06/Ag0.07/Mg0.11	45	86	3.5		
		C151	Cu99.9/Zr0.1	48	90	3.7	Olin	
		C1020	Cu99.96/O210PPM	38	101	3.9		
		KFC	Cu99.87/Fe0.1/P0.03	42	90	3.5	Kobe	
		EFTEC-3S	Cu99.84/Sn0.15/P0.01	42	90	3.5	Furukawa	
		CCZ	Cu99.2/Cr0.55/Zn0.25	50	85	3.2		
		PMC90	Cu99.87/Fe0.1/P0.03	42	90	3.5	Poongsan	
		Tamac-2	Cu99.84/Sn0.15/P0.006	45	85		Mitsubishi	
		Tamac-4	Cu99.85/Fe0.07/Zn0.05/P0.03	49	85		Mitsubishi	
		SLF-3	Cu99.08/Cr0.8/Sn0.12	50	80	3.1	Sumitomo	
	C19700	Cu99.15/Fe0.6/P0.3/Mg0.05	51	80	3.1	Olin		
	Medium Strength	C194	Cu97.5/Fe2.35/P0.03/Zn0.12	46	65	2.6	Olin	
		C195	Cu97/Fe1.5/P0.1/Co0.8/Sn0.6	63	50	2	Olin	
		C505	Cu98.7/Sn1.3	46	40	2.1		
		KLF-1	Cu96.3/Ni3.0/Si0.7	62	55	2.2	Kobe	
		Medium Electrical Conductivity	KLF-5	Cu97.87/Sn2.0/Fe0.1/P0.03	60	35	1.3	Kobe
			MF202	Cu97.8/Sn2.0/Ni0.2	55	30	1.5	Mitsubishi
		Tamac-5	Cu97.97/Sn1.25/Fe0.75/P0.03	52	40	1.4	Mitsubishi	
		EFTEC-5	Cu98/Fe1.0/Sn0.5/Zn0.5				Furukawa	
		EFTEC-4S	Cu97.1/Fe2.4/Zn0.5	48	65	2.6	Furukawa	
		C19750	Cu98.92/Fe0.6/Sn0.23/P0.2/Mg0.05	58	65	2.6		
	High Strength	K-75	Cu99.53/Cr0.3/Ti0.15/Si0.02	58	78	3.2	Wieland	
		KLF-125	Cu96.5/Ni1.6/Si0.35/Zn0.3/Sn1.25	68	70	1.5	Kobe	
		PMC102	Cu98.77/Ni1.0/Si0.2/P0.03	53	69	2.6	Poongsan	
		C510	Cu94.9/Sn5.0/P0.1	56	15	0.71		
	High Strength	C654	Cu95.38/Si3.05/Sn1.5/Cr0.07	60	7	0.38		
		AI-35	Cu98.95/Al0.35/Al2030.7	60	85	3.4		
		C7025	Cu94.77/Fe0.2/Zn1.0/Ni3.2/Si0.73/Mn0.1	88	40		Olin	
		EFTEC-64T	Cu99.65/Zn0.10/Sn0.25	78	75		Furukawa	
		PMC26	Cu99.4/Ni2.0/Si0.3/Sn0.3	60	45		Poongsan	
		C725	Cu89/Ni9/Sn2	65	11	0.54		
		KLF-125	Cu96.5/Ni1.6/Sn1.25/Si0.35/Zn0.3	85	30		Kobe	
	Fe 系	Low Cost	SPCC	FE-C(low)	45	5	-	Nissin