



CCP308(TC) THERMALLY CONDUCTIVE COMPOSITE FOR PCB

Test Item		Unit	Condition	Guaranteed Value	Typical Value
Solder Float	S-260°C	sec	A	≥ 40	>200
Flammability	UL94	N/A	N/A	VO	Pass
Tg		°C		130	140
Insulation Resistance		Ω	C-96/20/65	≥5x10(12)	5x10(13)
CTI (600V)		volt	≥600	PASS	PASS
Dielectric Constant (Dk) 1MHz			C-96/20/65	≤5.5	4.400
Dissipation Factor 1MHz			C-96/20/65	≤0.035	0.020
Thermal Conductivity (Hot Disc)		W/mK	A	N/A	1.5
Moisture Absorption IPC-TM-650 2.6.2.1		%	N/A	0.5	0.11
CTE X Axis	before Tg	ppm/°C	N/A	N/A	17.4
	after Tg	ppm/°C	N/A	N/A	13.7
CTE Y Axis	before Tg	ppm/°C	N/A	N/A	13.3
	after Tg	ppm/°C	N/A	N/A	5.8
CTE Z Axis	before Tg	ppm/°C	N/A	N/A	24.2
	after Tg	ppm/°C	N/A	N/A	214.1