

DS-7106A

(ANSI: CEM-1) High CTI

Features

- Excellent punchability
- Significant reduction in dusting
- Long punching tool life
- Low warpage at high temperature

Applications

Automotive radio, Television, Smoke alarm,
Power supply, Keyboard, Clock, etc.,

General Properties

Test Item		Unit	Treatment Condition	Property
				Standard Value
Flammability		-	UL-94	V-0
Insulation Resistance		ohm	C-96/20/65 C-96/20/65+D-2/100	$1 \times 10^{10} - 1 \times 10^{14}$ $1 \times 10^{10} - 1 \times 10^{11}$
Volume Resistivity		ohm-cm	C-96/20/65 C-96/20/65+C-96/40/90	$1 \times 10^{14} - 1 \times 10^{15}$ $1 \times 10^{13} - 1 \times 10^{14}$
Surface Resistance		ohm	C-96/20/65 C-96/20/65+C-96/40/90	$1 \times 10^{10} - 1 \times 10^{14}$ $1 \times 10^{12} - 1 \times 10^{13}$
Arc Resistance		min. sec		100
Dielectric Constant (1 MHz)		-	C-96/20/65 C-96/20/65+D-48/50	4.0 - 4.5 4.2 - 4.8
Dissipation Factor (1 MHz)		-	C-96/20/65 C-96/20/65+D-48/50	0.015 - 0.020 0.018 - 0.023
Comparative Tracking Index		volt	IEC Method	600
Solder Float (260°C)		sec	A	above 40
Peel Strength	Cu.foil 1 oz (0.035mm)	kgf/cm	A	1.5 - 1.8
Flexural Strength		kgf/mm ²	A	30 - 35
Water Absorption		%	E-24/50+D-24/23	0.23 - 0.28
Punching Temperature		°C	A	Ambient

Specimen Thickness : 1.6mm