



Solder Resist/Silkscreen:
Imagecure XV501T-4

Manufacturer:
SunChemical® Circuits

Type:
CAWN2591

Colour:
White

RoHS-Conform und "halogenfree"(<400ppm)

Excerpt of the physical and chemical properties

	Testmethod	
Solder Resistance	MILP55110 IPC SM840D	30 secs / 288°C 10 secs / 260°C
Resistance to HAL (Pb-free)		>5 passes
Electroless Ni/Au Plating		pass
Hydrolytic Stability	IPC SM840D Class H	pass
Abrasion Pencil Hardness	IPC SM840D Class H	pass (7H)
Adhesion (Copper)	IPC SM840D Class H	pass
Thermal Schock	MILP55110 MIL STD202E BS6096 Tests	pass

Excerpt of the electrical properties

	Testmethod	
Bellcore	TR-NWT000078	pass
Insulation Resistance	IPC SM840D, T & H	pass
Moisture & Insulation Resistance	IPC SM840D, T & H	pass
Elektromigration	IPC SM840D, T & H	pass
Comparative Tracking Index CTI	IEC 112	>325
Dielectric Strength (50 Hz)	IPC SM840D Class H DIN53481	150kV/mm

Source: SunChemical® Circuits

CM - SO - 028 / A / 2010