



CS-AL-88 AD5

Aluminium SPEC

ITEM	Unit		Specification
Insulation thickness	um	Max Min	200 60
Solder resistance (288 deg.C)	Sec.	Min	120
Thermal shock	288 °C* 10"/cycle		>6times
Peel Strength Normal status	lb/in	Min	9
Breakdown voltage	V/mil		750
Volume resistivity Normal status >	Ω cm		3.5 x10 ¹⁵
Surface resistivity Normal status >	Ω		4.7x10 ¹⁶
Dielectric constant 1 MHz Normal status 1 GHz Normal status			5.8 5.7
Dissipation factor 1MHz Normal status 1 GHz Normal status			0.015 0.008
Water absorption	%		0.2
Thermal conductivity (measured on insulation layer only)	W/m° C		5.0
Flammability	94V0		Pass

Aluminium thickness, Size

Product description	CS AL-88 AD5(Conductive glue thickness 2~8 mil)				
Size m/m	300 x 500~520 400 x 500~520 600 x 500~520 1200~1220 x 500~520 1200~1220 x 600~640				
Common 1 layer thickness	2.0 1/0	1.5 1/0	1.5 2/0	1.0 1/0	0.8 1/0
Common 2 layer thickness	2.0 1/1	1.5 H/H	1.5 1/1	1.0 1/1	0.8 1/1
Product description	CS AL-88 AD5 (Conductive glue thickness 2~8 mil)				

∴ Above thickness exclude conductive glue and copper thickness and combinations of copper and aluminium thickness are optional. Copper thickness: H oz~5.0 oz; Aluminium thickness: 0.2~5.0 m/m

∴ Raw material used is HALOGEN FREE and RoHS compliant