

CS-AL-88 AD3

Aluminium SPEC

ITEM	Unit		Specification
Insulation thickness	um	Max	200
		Min	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 >E+14	Ω cm		1.8 x10 ¹⁶
Surface resistivity Normal status >E+12	Ω		9.3x10 ¹⁵
Dielectric constant			1 MHz Normal status
			1 GHz Normal status
Dissipation factor			1MHz Normal status
			1 GHz Normal status
Water absorption	%		0.2
Thermal conductivity (measured on insulation layer only)	W/m° C		3.0
Flammability	94V0		Pass

Aluminium thickness, Size

Product description	CS AL-88 AD3 (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

∴ 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