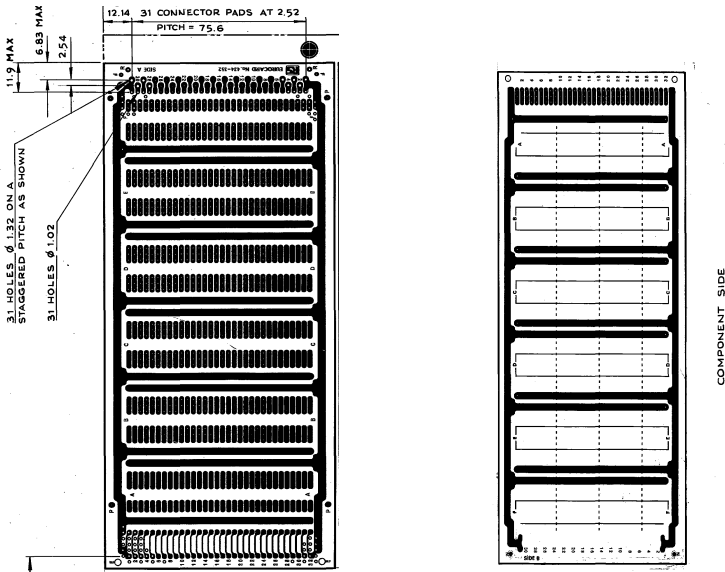


Data sheet for Part No. 11-2496 (RS Components' Part No. 434-352)

PCB size: 100 mm x 220 mm
 Material: FR2 ,double sided copper, 35 microns copper, 1.6 mm thick
 Finish : Polished copper with organic protective finish
 Layout :



**COPPER CLAD LAMINATE
FR2 SPECIFICATION**

NO	ITEM	UNIT	CONDITION AND METHOD	TYPICAL VALUE
1	SOLDER RESISTANCE(260°C)	SEC	A	20-35
2	HEAT RESISTANCE	-----	150°C30MIN	NO CHANGE
3	PEEL STRENGTH (35 Mm)	KGF/CM	A 280°C10SEC	1.8-2.0
4	FLEXURAL STRENGTH	LENGTHWISE	A	14-16
		CROSSWISE		13-14
5	VOLUME RESISTIVITY	Ω CM	C-96/20/65	1X10 ¹³⁻¹⁴
6	SURFACE RESISTANCE	ADHESIVE SIDE	C-96/20/65	1X10 ¹¹⁻¹²
		LAMINATE SIDE		1X10 ¹⁰⁻¹¹
7	INSULATION RESISTANCE	Ω	C-96/20/65	1X10 ¹¹⁻¹²
8	CHEMICAL RESISTANCE	-----	3%NaOH 40°C 3 MIN	NO CHANGE
			BOILED IN TRICHLOROETHYLENE FOR 3 MIN	
9	WATER ADSORPTION	%	E-24/50+D-24/23	0.7-0.9
10	FLAMMABILITY	SEC	A UL94	AVG 3.0 MAX 8.0
11	DIELECTRIC CONSTANT (1MHZ)	-----	C-96/20/65	4.0-5.0
12	DISSIPATION FACTOR	-----	C-96/20/65	0.025-0.035
13	CTI	V/	0.1%NH ₄ Cl UL746A	>600V
14	PUNCHING TEMPERATURE	°C	A	AMBIENT70