



TU-872 SLK Sp Typical Dk/Df Value

Thin core Standard Construction List

Nominal Thickness		Standard Construction	RC (%)	Remarks	Dk@					Df@				
(mils)	(mm)				1GHz	2GHz	5GHz	8GHz	10GHz	1GHz	2GHz	5GHz	8GHz	10GHz
2.0	0.05	106x1	73	1st choice	3.18	3.10	3.09	3.07	3.05	0.0075	0.0081	0.0082	0.0084	0.0085
2.5	0.06	106x1	78	1st choice	3.08	3.00	2.99	2.97	2.95	0.0078	0.0084	0.0085	0.0086	0.0086
3.0	0.08	1080x1	66	1st choice	3.32	3.24	3.23	3.21	3.19	0.0071	0.0077	0.0079	0.0081	0.0082
3.5	0.09	2113x1	54	1st choice	3.55	3.48	3.46	3.44	3.42	0.0064	0.0070	0.0073	0.0076	0.0078
4.0	0.10	2113x1	58	2nd choice	3.47	3.40	3.39	3.36	3.34	0.0066	0.0072	0.0075	0.0078	0.0079
4.0	0.10	106x2	73	1st choice	3.18	3.10	3.09	3.07	3.05	0.0075	0.0081	0.0082	0.0084	0.0085
4.5	0.11	2116x1	54	1st choice	3.55	3.48	3.46	3.44	3.42	0.0064	0.0070	0.0073	0.0076	0.0078
5.0	0.13	2116x1	57	2nd choice	3.49	3.42	3.41	3.38	3.36	0.0066	0.0072	0.0075	0.0077	0.0079
5.0	0.13	1080x2	61	1st choice	3.41	3.34	3.33	3.31	3.28	0.0068	0.0074	0.0077	0.0079	0.0080
6.0	0.15	1080x2	66	1st choice	3.32	3.24	3.23	3.21	3.19	0.0071	0.0077	0.0079	0.0081	0.0082
7.0	0.18	2113x2	54	1st choice	3.55	3.48	3.46	3.44	3.42	0.0064	0.0070	0.0073	0.0076	0.0078
8.0	0.20	2113x2	58	1st choice	3.47	3.40	3.39	3.36	3.34	0.0066	0.0072	0.0075	0.0078	0.0079
10.0	0.25	2116x2	57	1st choice	3.49	3.42	3.41	3.38	3.36	0.0066	0.0072	0.0075	0.0077	0.0079
15.0	0.38	2116x3	57	1st choice	3.49	3.42	3.41	3.38	3.36	0.0066	0.0072	0.0075	0.0077	0.0079
21.0	0.53	2116x4	59	1st choice	3.45	3.38	3.37	3.34	3.32	0.0067	0.0073	0.0076	0.0078	0.0080
28.0	0.71	2116x6	55	1st choice	3.53	3.46	3.44	3.42	3.40	0.0064	0.0071	0.0074	0.0077	0.0078

SPC Method





TU-87P SLK SpTypical Dk/Df Value

Prepreg Standard Construction List

Nominal Thickness		Prepreg type	RC (%)	Remarks	Dk@					Df@				
(mils)	(mm)				1GHz	2GHz	5GHz	8GHz	10GHz	1GHz	2GHz	5GHz	8GHz	10GHz
2.5	0.06	106	78	1st choice	3.08	3.00	2.99	2.97	2.95	0.0078	0.0084	0.0085	0.0086	0.0086
3.0	0.08	1080	66	1st choice	3.32	3.24	3.23	3.21	3.19	0.0071	0.0077	0.0079	0.0081	0.0082
4.0	0.10	2113	58	1st choice	3.47	3.40	3.39	3.36	3.34	0.0066	0.0072	0.0075	0.0078	0.0079
5.0	0.13	2116	57	1st choice	3.49	3.42	3.41	3.38	3.36	0.0066	0.0072	0.0075	0.0077	0.0079

SPC Method

