KB-6167GMD/KB-6067GMD Line up
Electrical Properties

1) CORE (KB-6167GMD)

Thinckness (mil)	Thinckness (mm)	Layup	RC(%)	Dk±0.2				Df±10%			
				1GHz	2GHz	5GHz	10GHz	1GHz	2GHz	5GHz	10GHz
2.0	0.05	106×1	72	3.6	3.5	3.5	3.4	0.008	0.009	0.010	0.011
2.5	0.06	1067×1	72	3.6	3.5	3.5	3.4	0.008	0.009	0.010	0.011
3.0	0.08	1080×1/1078×1	64	3.8	3.7	3.7	3.6	0.008	0.009	0.010	0.011
3.0	0.08	1086×1	60	3.8	3.7	3.7	3.6	0.008	0.009	0.010	0.011
3.5	0.09	3313×1	52	4.1	4.1	4.0	4.0	0.008	0.009	0.010	0.011
4.0	0.10	2116×1	46	4.3	4.2	4.2	4.1	0.008	0.009	0.009	0.010
		106×2	72	3.6	3.5	3.5	3.4	0.008	0.009	0.010	0.011
4.5	0.11	2116×1	52	4.1	4.1	4.0	4.0	0.008	0.009	0.010	0.011
		106×2	74	3.5	3.5	3.4	3.4	0.008	0.009	0.010	0.011
5.0	0.13	2116×1	56	4.0	4.0	3.9	3.9	0.008	0.009	0.010	0.011
		1067×2	72	3.6	3.5	3.5	3.4	0.008	0.009	0.010	0.011
6.0	0.15	1506×1	44	4.3	4.3	4.2	4.2	0.008	0.009	0.009	0.010
		1080×2	64	3.8	3.7	3.7	3.6	0.008	0.009	0.010	0.011
7.0	0.18	7628×1	42	4.4	4.3	4.3	4.2	0.008	0.009	0.009	0.010
		3313×2	52	4.1	4.1	4.0	4.0	0.008	0.009	0.010	0.011
8.0	0.20	7628×1	46	4.3	4.2	4.2	4.1	0.008	0.009	0.009	0.010
		3313×2	56	4.0	4.0	3.9	3.9	0.008	0.009	0.010	0.011
10.0	0.25	2116×2	54	4.1	4.0	4.0	3.9	0.008	0.009	0.010	0.011
12.0	0.30	1506×2	44	4.3	4.3	4.2	4.2	0.008	0.009	0.009	0.010
15.0	0.38	7628×2	44	4.3	4.3	4.2	4.2	0.008	0.009	0.009	0.010
18.0	0.46	7628×2+1080×1	44	4.3	4.3	4.2	4.2	0.008	0.009	0.009	0.010
25.0	0.64	7628×3	46	4.3	4.2	4.2	4.1	0.008	0.009	0.009	0.010
30.0	0.76	7628×4	44	4.3	4.3	4.2	4.2	0.008	0.009	0.009	0.010
35.0	0.89	7628×5	40	4.4	4.4	4.3	4.3	0.008	0.009	0.009	0.010
40.0	1.02	7628×5	46	4.3	4.2	4.2	4.1	0.008	0.009	0.009	0.010
59.0	1.50	7628×8	40	4.4	4.4	4.3	4.3	0.008	0.009	0.009	0.010

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2) PREPREG (KB-6067GMD)

Glass style	RC%	Thickness (mil)	Thickness (mm)	Dk±0.2				Df±10%			
				1GHz	2GHz	5GHz	10GHz	1GHz	2GHz	5GHz	10GHz
1027	72	1.7	0.04	3.7	3.6	3.6	3.5	0.008	0.009	0.010	0.011
	74	1.8	0.05	3.6	3.6	3.5	3.5	0.008	0.009	0.010	0.011
	76	2.0	0.05	3.6	3.5	3.5	3.4	0.008	0.009	0.010	0.011
1037	72	2.0	0.05	3.7	3.6	3.6	3.5	0.008	0.009	0.010	0.011
	74	2.1	0.05	3.6	3.6	3.5	3.5	0.008	0.009	0.010	0.011
	76	2.4	0.06	3.6	3.5	3.5	3.4	0.008	0.009	0.010	0.011
106	72	2.1	0.05	3.7	3.6	3.6	3.5	0.008	0.009	0.010	0.011
	74	2.3	0.06	3.6	3.6	3.5	3.5	0.008	0.009	0.010	0.011
	76	2.5	0.06	3.6	3.5	3.5	3.4	0.008	0.009	0.010	0.011
1067	72	2.6	0.06	3.7	3.6	3.6	3.5	0.008	0.009	0.010	0.011
	74	2.8	0.07	3.6	3.6	3.5	3.5	0.008	0.009	0.010	0.011
	76	3.0	0.08	3.6	3.5	3.5	3.4	0.008	0.009	0.010	0.011
1078	62	2.8	0.07	3.9	3.9	3.8	3.8	0.008	0.009	0.010	0.011
	65	3.1	0.08	3.9	3.8	3.7	3.7	0.008	0.009	0.010	0.011
	68	3.5	0.09	3.8	3.7	3.7	3.6	0.008	0.009	0.010	0.011
	70	3.8	0.10	3.7	3.7	3.6	3.6	0.008	0.009	0.010	0.011
1080	62	2.8	0.07	3.9	3.9	3.8	3.8	0.008	0.009	0.010	0.011
	65	3.1	0.08	3.9	3.8	3.7	3.7	0.008	0.009	0.010	0.011
	68	3.4	0.09	3.8	3.7	3.7	3.6	0.008	0.009	0.010	0.011
	70	3.7	0.09	3.7	3.7	3.6	3.6	0.008	0.009	0.010	0.011
1086	65	3.5	0.09	3.9	3.8	3.7	3.7	0.008	0.009	0.010	0.011
	68	3.9	0.10	3.8	3.7	3.7	3.6	0.008	0.009	0.010	0.011
	70	4.2	0.11	3.7	3.7	3.6	3.6	0.008	0.009	0.010	0.011

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2) PREPREG (KB-6067GMD)

Glass style	RC%	Thickness (mil)	Thickness (mm)	Dk±0.2				Df±10%			
				1GHz	2GHz	5GHz	10GHz	1GHz	2GHz	5GHz	10GHz
3313	52	3.6	0.09	4.2	4.2	4.1	4.0	0.008	0.009	0.010	0.011
	56	4.0	0.10	4.1	4.1	4.0	3.9	0.008	0.009	0.010	0.011
	58	4.3	0.11	4.1	4.0	3.9	3.9	0.008	0.009	0.010	0.011
	60	4.5	0.12	4.0	4.0	3.9	3.8	0.008	0.009	0.010	0.011
2116	52	4.7	0.12	4.2	4.2	4.1	4.0	0.008	0.009	0.010	0.011
	54	4.9	0.12	4.2	4.1	4.0	4.0	0.008	0.009	0.010	0.011
	56	5.2	0.13	4.1	4.1	4.0	3.9	0.008	0.009	0.010	0.011
	58	5.5	0.14	4.1	4.0	3.9	3.9	0.008	0.009	0.010	0.011
	60	5.9	0.15	4.0	4.0	3.9	3.8	0.008	0.009	0.010	0.011
1506	44	6.0	0.15	4.4	4.4	4.3	4.2	0.008	0.009	0.009	0.010
	46	6.3	0.16	4.4	4.3	4.2	4.2	0.008	0.009	0.009	0.010
	48	6.6	0.17	4.3	4.3	4.2	4.1	0.008	0.009	0.009	0.010
7628	42	7.3	0.19	4.5	4.4	4.3	4.3	0.008	0.009	0.009	0.010
	44	7.7	0.19	4.4	4.4	4.3	4.2	0.008	0.009	0.009	0.010
	47	8.2	0.21	4.3	4.3	4.2	4.2	0.008	0.009	0.009	0.010
	50	8.9	0.23	4.3	4.2	4.1	4.1	0.008	0.009	0.010	0.011