

MAXIMUM CABLE PARAMETERS

Model No.	ac ¹ /dc	Note ³ ref.	BASEEFA Group IIC			Matched Power (W)	FM (Grps A&B)			Matched Power (W)	
			C (μ F)	L ² (mH)	L/R (μ H/ Ω)		C (μ F)	L ² (mH)	L/R (μ H/ Ω)		
MTL7706	+	a	0.083	3.05 (4.2)	56	0.65	0.083	4.2	56	0.65	
MTL7707	+	a1/a2/b	0.083	3.05 (4.2)	56	0.65	0.083	4.2	56	0.65	
MTL7710	+	a	3	0.91	74	0.50	3	0.91	74	0.50	
MTL7715	+	a	0.58	1.45	66	0.56	0.58	1.45	66	0.56	
MTL7715P	+	a	0.580	0.33	28	1.09	0.580	0.33	28	1.09	
MTL7722	+	a	0.165	1.45	45	0.81	0.165	1.45	45	0.81	
MTL7728	+/-/ac	a	0.083	3.05 (4.2)	56	0.65	0.083	3.05 (4.2)	56	0.65	
MTL7728P	+	a	0.083	1.82 (2.51)	44	0.83	0.083	1.82 (2.51)	44	0.83	
MTL774X		b3	2.86	96	742	—	2.86	96	742	0.039	
MTL7755	ac	a1/a2	100	0.46	145	0.225	100	0.46	145	0.225	
		b	100	0.13	69	0.45	40	0.13	69	0.45	
		c	40	0.41	73	0.45	40	0.13	69	0.45	
MTL7756	ac	a1/a2/a3	100	0.46	145	0.225	100	0.46	145	0.225	
		b1	100	0.13	69	0.45	40	0.13	69	0.45	
		b2	100	0.06	44	0.675	40	0.13	69	0.45	
		c1	40	0.41	73	0.45	40	0.13	69	0.45	
		c2	40	0.23	61	0.60	40	0.06	44	0.675	
MTL7758	+/-	a1/a2	11.1	0.07	26	1.40	11.1	0.07	26	1.4	
		b	11.1	0.02	10	2.8	8.8	0.02	10	2.8	
MTL7760	ac	a1/a2	3	0.91	74	0.5	3	0.91	74	0.5	
		b	3	0.20	27	1.00	3	0.20	35.6	1.00	
MTL7761	ac	a1/a2	4.9	3.72	163	0.225	4.9	3.72	163	0.225	
		b	4.9	0.91	62	0.45	0.31	0.91	62	0.45	
		c	0.31	3.72	81	0.45	0.31	0.91	62	0.45	
MTL7761P	ac	a1/a2	4.9	56	613	0.058	4.9	56	613	0.058	
		b	4.9	14	236	0.115	0.31	14.0	236	0.115	
		c	0.31	56	306	0.115	0.31	14.0	236	0.115	
MTL7764	+	a1/a2	1.41	240	1000	0.036	1.41	240	1000	0.036	
		b	1.41	61	360	0.072	1.0	61	360	0.072	
MTL7764	ac	a1/a2	1.41	240	1000	0.036	1.41	240	1000	0.036	
		b	1.41	61	360	0.072	0.125	61	360	0.072	
		c	0.125	240	500	0.072	0.125	61	360	0.072	
MTL7765	ac	a1/a2	0.580	1.45	66	0.56	0.580	1.45	66	0.56	
		b	0.580	0.32	22	1.125	0.58	0.32	31.6	1.12	
MTL7766	ac	a1/a2	1.41	5.8	151	0.24	1.41	5.8	151	0.24	
		b	1.41	1.47	58	0.48	0.125	1.47	58	0.48	
		c	0.125	5.8	75	0.48	0.125	1.47	58	0.48	
MTL7766P	ac	a1	1.41	1.47	78	0.471	1.41	1.47	78	0.471	
		b	1.41	0.34	29	0.942	0.125	0.34	29	0.942	
		c	0.125	1.15	39	0.942	0.125	0.34	29	0.942	
MTL7767	+	a1/a2	0.58	1.45	66	0.56	0.58	1.45	66	0.56	
		b	0.58	0.32	22	1.125	0.58	0.32	22	1.125	
MTL7778	ac	a1/a2	0.083	16	107	0.33	0.083	16	107	0.33	
		b	0.083	3.05 (4.2)	42	0.33	0.083	4.0	107	0.654	
MTL7779	+	a1/a2	0.083	3.05 (4.2)	56	0.65	0.083	3.05 (4.2)	56	0.65	
		b	NOT PERMITTED								
MTL7787	+/-	a1	0.083	3.05 (4.2)	56	0.65	0.083	3.05 (4.2)	56	0.65	
		a2	0.083	—	—	—	0.083	—	—	—	
		b	0.083	3.05 (4.2)	56	0.65	0.011	4.2	56	0.65	
MTL7787P	+	a1	0.083	1.82 (2.51)	44	0.835	0.083	1.82 (2.51)	44	0.83	
		a2	0.083	—	—	—	0.083	—	—	—	
		b	0.083	1.82 (2.51)	44	0.835	0.78	2.51	44	0.835	
MTL7788	+	a1	0.083	3.05 (4.2)	56	0.65	0.083	3.05 (4.2)	56	0.65	
		a2	3.0	0.91	74	0.5	3.0	0.91	74	0.5	
		b	0.083	0.33	25	0.92	0.083	0.33	25	0.92	
MTL7788R	+	a1	0.083	3.05 (4.2)	56	0.65	0.083	3.05 (4.2)	56	0.65	
		a2	3.0	0.91	74	0.5	3.0	0.91	74	0.5	
		b	0.083	0.33	25	0.92	0.083	0.33	25	0.92	
MTL7789	+	C	0.083	16	106	0.33	0.083	16	106	0.33	
MTL7796	+/-	a1	0.1	4.91	64	0.56	0.1	4.91	64	0.56	
		a2	0.22	13	136	0.26	0.22	13	136	0.26	
		b	0.1	1.94	34	0.81	0.096	1.94	34	0.81	

Model No.	ac ¹ /dc	Note ³ Ref.	BASEEFA Group IIB			Matched Power (W)	FM (Grps C-G)			Matched Power (W)
			C (μ F)	L (mH)	L/R (μ H/ Ω)		C (μ F)	L (mH)	L/R (μ H/ Ω)	
MTL7707P	+	a1	0.65	5.34	125	2.64	0.65	5.34	125	2.64
		b	0.65	5.34	125	2.64	0.587	5.34	125	2.64
MTL7729P	+	a1	0.65	5.65	127	2.64	0.65	5.65	127	1.19

Notes: 1 ac indicates a non-polarised star connected barrier configuration.

2 When the external circuit contains no lumped inductance greater than 10mH, the cable inductance may be increased to the values within parenthesis.

For further barrier channel configuration data, please refer to the relevant certificate.



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