

产 品 规 格 书

客户名称 : _____

客户品名 : _____

客户料号 : _____

产品名称 : **LED驱动电源**

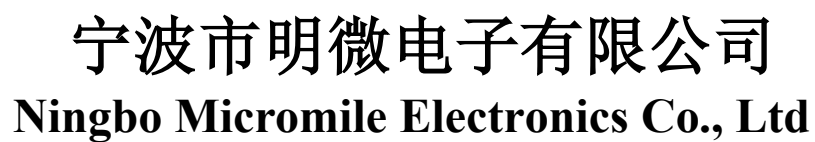
产品型号 : **MM-2036B-0700-BML0**

规格书版本: **V1.0**

产品生产商: **宁波市明微电子有限公司**

明微确认			客户确认		
拟 定	审 核	批 准	检 查	审 核	批 准
			合格口		
			不合格口		

公司地址: 宁波慈溪市龙山镇慈龙东路 433 号上官实业(四楼)明微电子
电话/Tel: +86 0574-58995111 传真/Fax: +86 0574-55688058
网址/Web: <http://www.micromile.com.cn>
E-mail / 邮箱: sales@micromile.com.cn

[illegible]

一、产品特性

- ※ 隔离电源，恒流输出
- ※ 高效率，高 PF 值，低谐波，低纹波
- ※ 保护功能：短路保护，开路保护，过压保护

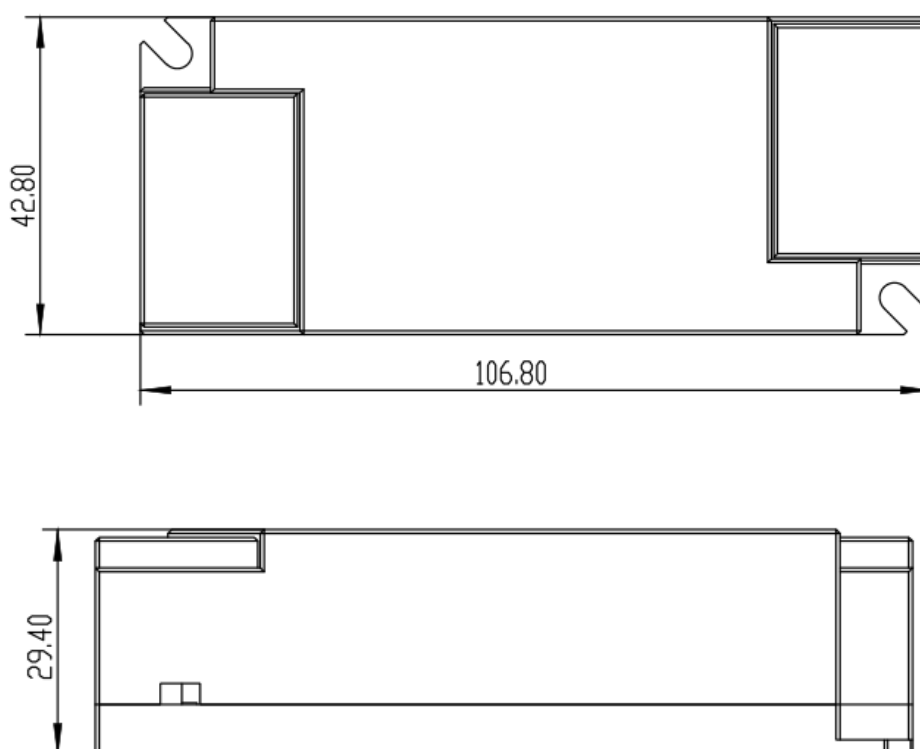
二、电气性能

产品型号		MM-2036B-0700-BML0
输入性能	输入电压	176~264Vac
	输入频率	50/60Hz
	输入电流	≤160mA
	浪涌电流	<15A
	空载功耗	0~2.9W 之间跳动
	总谐波失真	<20%
	功率因数	≥0.9 (230Vac)
	效率	87% (230Vac)
输出性能	输出电压	30~42Vdc
	输出电流	 350mA  700mA
	电流精度	 333mA-368mA  670mA-730mA
	纹波电流	3%
	线性调整率	±5%
	温度漂移	±10%
	启动时间	<0.5S (230Vac)
保护功能	开路保护	开路电压<50V
	短路保护	进入打嗝模式, 短路断开后自动恢复
环境描述	工作温度/湿度	-25℃~50℃/10%RH~80%RH
	存储温度/湿度	-40℃~85℃/3%RH~90%RH
安全及规范	认证	符合: TUV, SAA, CE
	耐压	I/P-O/P: 3.75KVac, 5mA, 60S
	绝缘阻抗	I/P-O/P: 0.5KVac, >100MΩ
	浪涌等级	符合 ICE61000-4-5 (L-N:1KV)
	泄漏电流	230Vac&(110uA)
	EMC	符合 EN55015
其它	尺寸及重量	L*W*H: 106.8*42.8*29.4mm , 重量: 120g±5g
	IP 等级	IP20
	质保	3 年(温度 Tc:65℃, 负载≤100%条件下)
补充说明	1、所有性能参数均在温度 25℃情况下，100%负载测量的典型值，特别注明除外。 2、电源作为整灯灯具中的一个零部件与终端设备结合使用，因 EMC 性能受 LED 灯具及走线的影响，终端设备制造商需对整套装置重新进行 EMC 确认。	

三、产品外观



四、产品尺寸（单位 mm）



五、EMC

5.1 传导骚扰/ EN55015 Conduction(QP)

L1:AC230V/50Hz



Shenzhen Alpha Product Testing Co., Ltd.
Building i, No.2, Lixin Road, Fuyong Street,
Bao'an District, 518103, Shenzhen, Guangdong, China

Site LAB

Phase: **L1**

Temperature: 24

Limit: EN 55015 Conduction QP

Power: AC 230V/50Hz

Humidity: 56 %

EUT:

M/N: MM-2036B

Mode: Lighting

Note:

Engineer Signature:

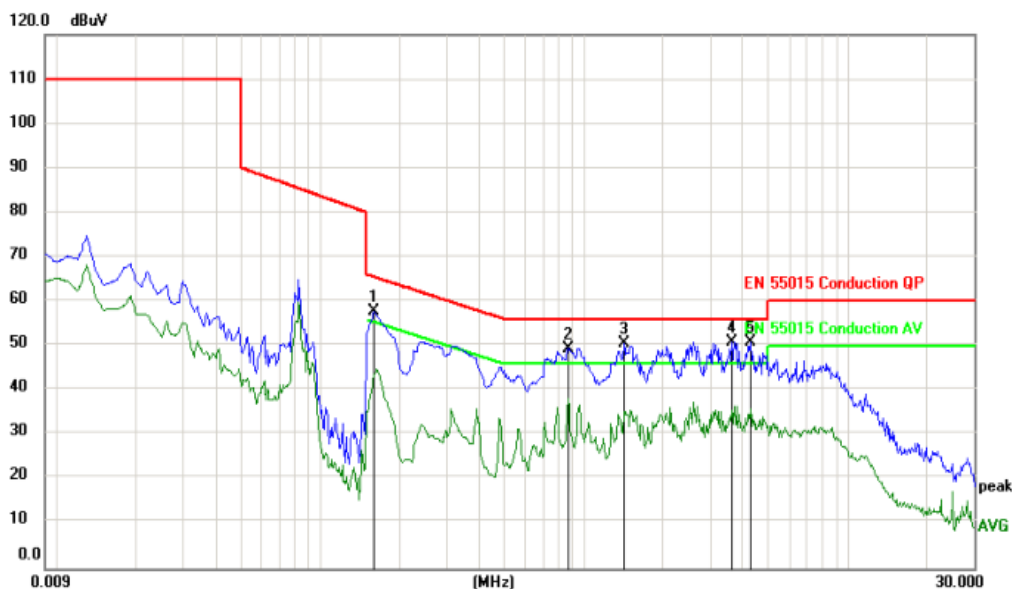
Conducted Emission Measurement

File :2019

Data :#1

Date: 2019-5-21

Time: 16:06:19



No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV	Limit dBuV	Margin dB	Detector	Comment
1		0.1590	48.14	9.63	57.77	65.52	-7.75	peak	
2		0.8700	39.77	9.72	49.49	56.00	-6.51	peak	
3		1.4205	40.70	9.76	50.46	56.00	-5.54	peak	
4	*	3.6205	41.01	9.97	50.98	56.00	-5.02	peak	
5		4.2604	40.68	10.02	50.70	56.00	-5.30	peak	

N:AC230V/50Hz



Shenzhen Alpha Product Testing Co., Ltd.
Building i, No.2, Lixin Road, Fuyong Street,
Bao'an District, 518103, Shenzhen, Guangdong, China

Site LAB

Phase:

N

Temperature: 24

Limit: EN 55015 Conduction QP

Power: AC 230V/50Hz

Humidity: 56 %

EUT:

M/N: MM-2036B

Mode: Lighting

Note:

Engineer Signature:

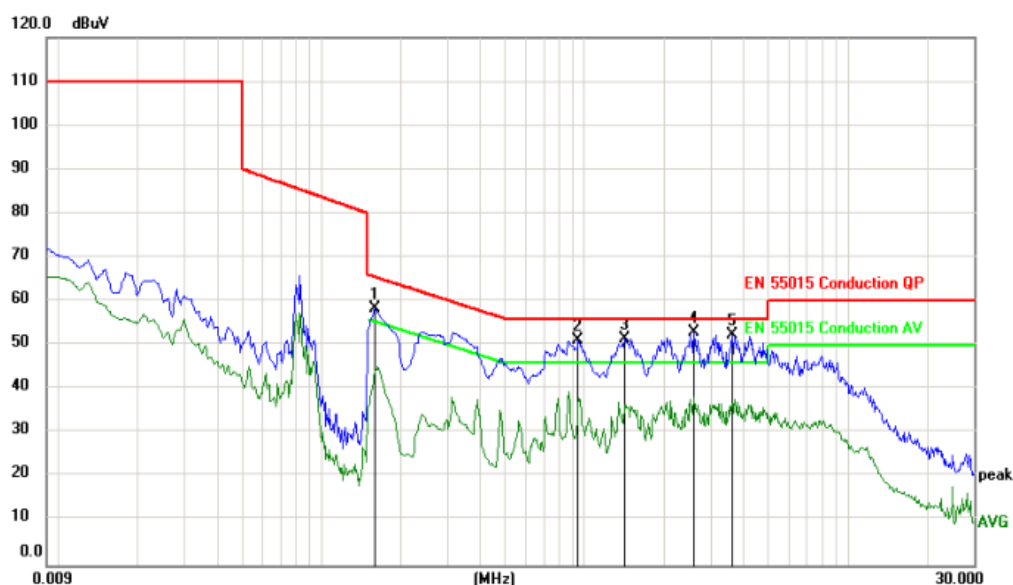
Conducted Emission Measurement

File :2019

Data :#2

Date: 2019-5-21

Time: 16:07:56



No.	Mk.	Freq.	Reading	Correct	Measure-	Limit	Margin		
		MHz	Level	Factor	ment			Detector	Comment
			dBuV	dB	dBuV	dBuV	dB		
1		0.1590	48.66	9.63	58.29	65.52	-7.23	peak	
2		0.9465	41.47	9.73	51.20	56.00	-4.80	peak	
3		1.4205	41.74	9.76	51.50	56.00	-4.50	peak	
4	*	2.6005	43.00	9.89	52.89	56.00	-3.11	peak	
5		3.6205	42.31	9.97	52.28	56.00	-3.72	peak	

5.2 辐射骚扰/EN 55015 3m Radiation (QP)

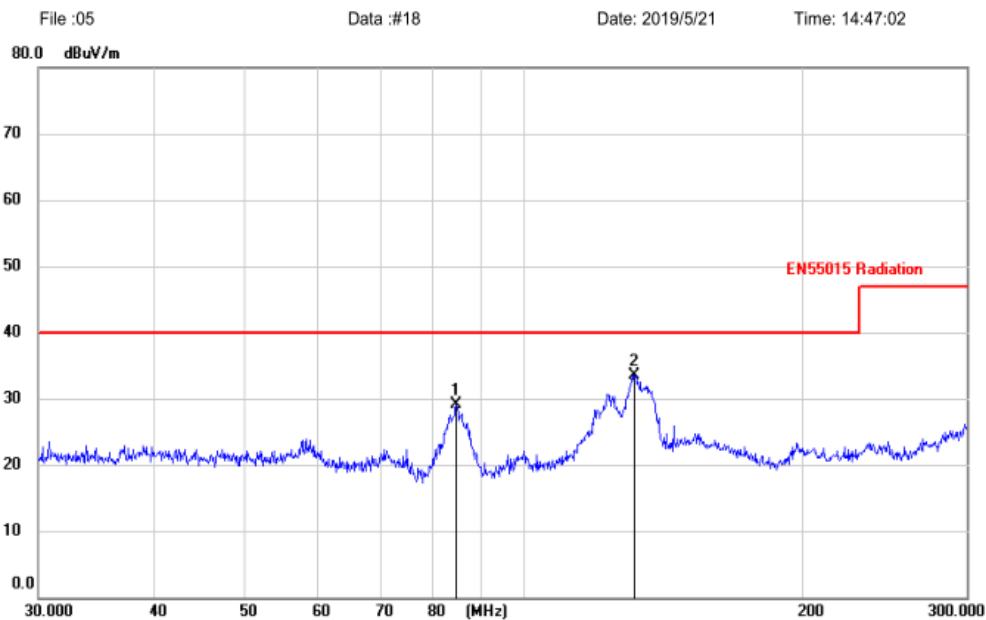
水平: AC230V/50Hz



Shenzhen Alpha Product Testing Co., Ltd.
Building i, No.2, Lixin Road, Fuyong Street,
Bao'an District, 518103, Shenzhen, Guangdong, China

Site LAB	Polarization: Horizontal	Temperature: 24
Limit: EN55015 Radiation	Power: AC 230V/50Hz	Humidity: 56 %
EUT:	Distance: 3m	
M/N: MM-2036B		
Mode:		
Note: 最终		
Engineer Signature:		

Radiated Emission Measurement



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin	Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree Comment
1		84.7464	19.55	9.65	29.20	40.00	-10.80	peak		
2	*	131.5592	20.20	13.32	33.52	40.00	-6.48	peak		

垂直: AC230V/50Hz



Shenzhen Alpha Product Testing Co., Ltd.
Building i, No.2, Lixin Road, Fuyong Street,
Bao'an District, 518103, Shenzhen, Guangdong, China

Site LAB

Polarization: **Vertical**

Temperature: 24

Limit: EN55015 Radiation

Power: AC 230V/50Hz

Humidity: 56 %

EUT:

Distance: 3m

M/N: MM-2036B

Mode:

Note: 最终

Engineer Signature:

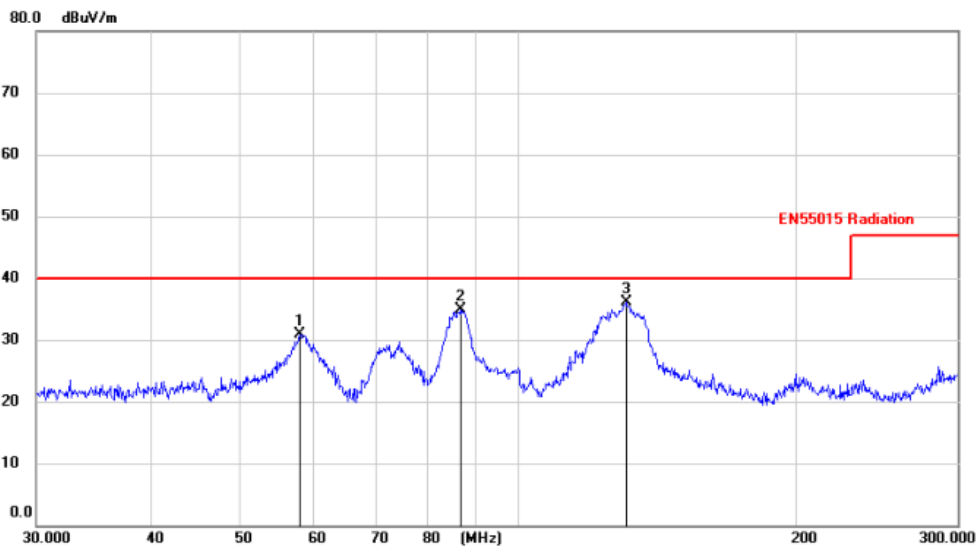
Radiated Emission Measurement

File :05

Data :#19

Date: 2019/5/21

Time: 14:48:39



No.	Mk.	Freq.	Reading	Correct	Measure-	Limit	Margin	Antenna	Table	
		MHz	Level	Factor	ment			Height	Degree	Comment
			dBuV	dB	dBuV/m	dBuV/m	dB	cm	degree	
1		57.9590	17.76	13.14	30.90	40.00	-9.10	peak		
2		86.5209	25.13	9.72	34.85	40.00	-5.15	peak		
3	*	130.9546	22.74	13.29	36.03	40.00	-3.97	peak		