


■ Features

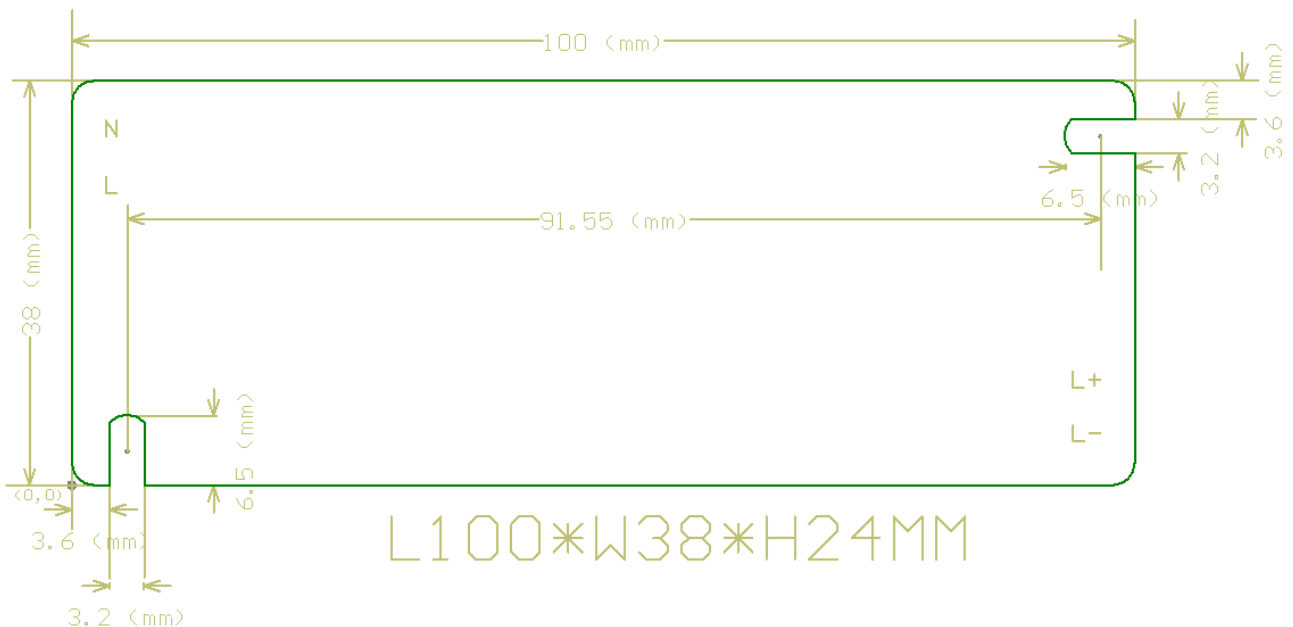
- Constant current output
- Isolated
- Protections: Short circuit / Over current / Over voltage / Over temperature
- Fully isolated Plastic Glue housing,94-V0 terminal module type
- comply with EN61000-3-2
- Highreliability

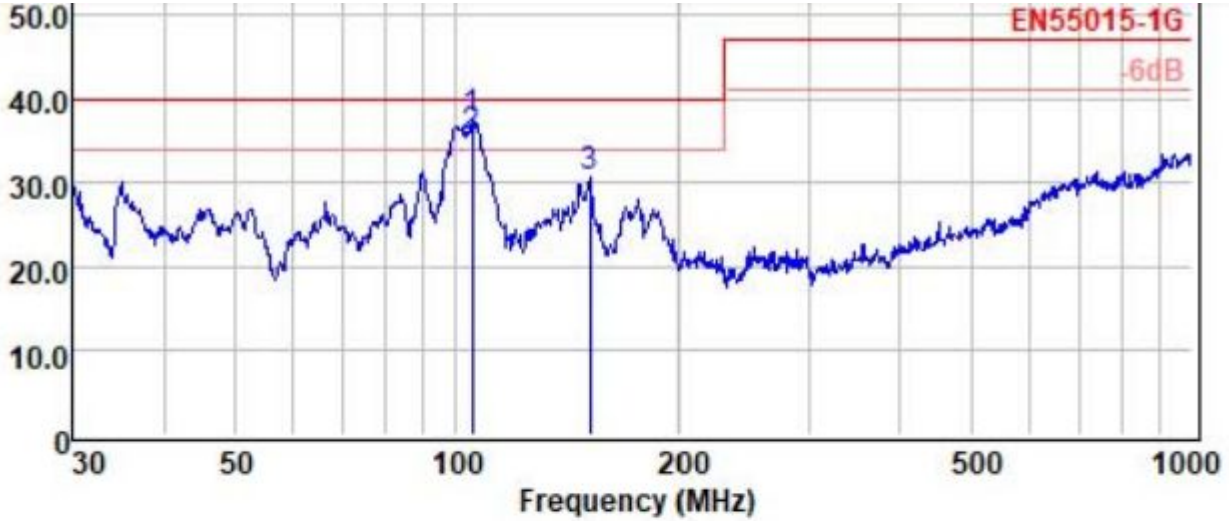
■ Applications

- Indoor LED lighting
- LED office lighting
- LED commercial lighting
- LED decorative lighting


SPECIFICATION

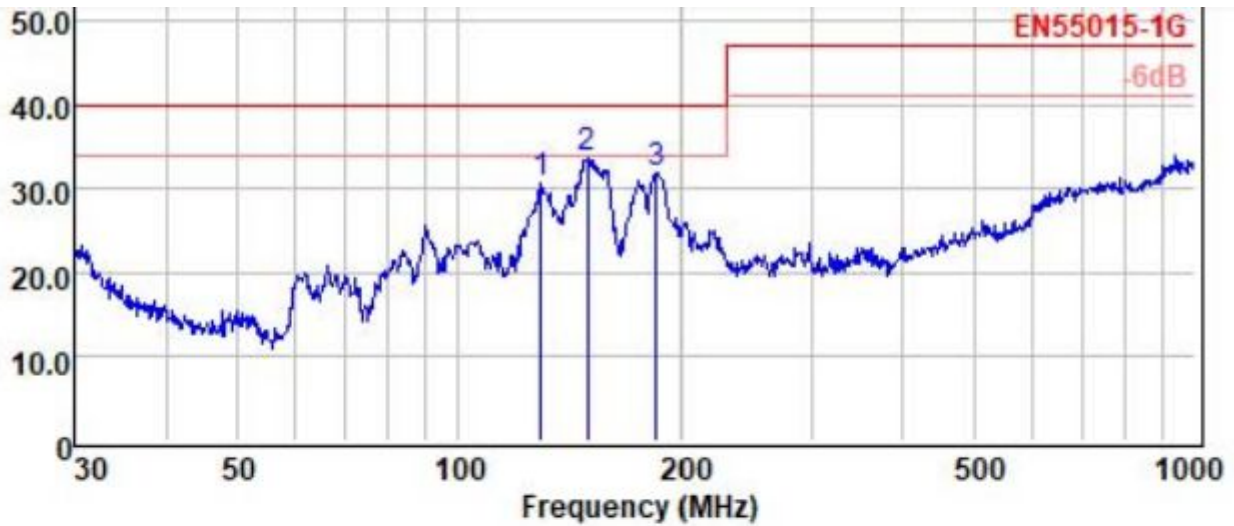
MODEL		LDNF1-21-500-R
OUTPUT	Output Voltage(DC)	24 ~ 42V
	Rated Current	0.5A (0.4-0.6A)
	Ripple Current	0.1%
	Max. Output Power	21W
INPUT	Voltage Range	220-240VAC
	Frequency Range	47 ~ 63Hz
	Power Factor (Typ.)	Typ 0.6
	THD	THD: 4% when output loading \geq 70% at AC/230VAC input
	Efficiency(Typ.)	87%
	Leakage Current	<0.5mA / 240VAC
PROTECTION	Short Circuit	recovers automatically after fault condition is removed.
	Over Temperature	
	Working Temperature	-40 ~ +50°C
	Working Humidity	20 ~ 95% RH non-condensing
SAFETY&EMC	Storage condition	-40 ~ +80°C, 10 ~ 95% RH
	Withstand Voltage	I/P-O/P:3.75KVAC
	Isolation	I/P-O/P:100M Ohms / 500VDC / 25°C/ 70% RH
	EMC Emission	Compliance to EN55015,EN61000-3-2 Class C (Pin \geq 25W), Class C (>70% load); EN61000-3-3
	EMC Immunity	Compliance to EN61000-4-2,3,4,5,6,8,11, EN55024, EN61547, light industry level, criteria A
OTHERS	Dimension	100*38*24mm (L*W*H)
	Package	0.043Kg per unit, 20pcs per inner box, 100pcs per carton 4.3KG N.W, 5.3KG G.W Carton Dimension: 40.8x36x26CM 0.037CBM 3000pcs/pallet carton/pallet, Pallets Size:1.2*1.2*1.4M
NOTE	All parameters NOT specially mentioned are measured at 230VAC input, rated load and 25°C of ambient temperature.	

■ Mechanical Specification




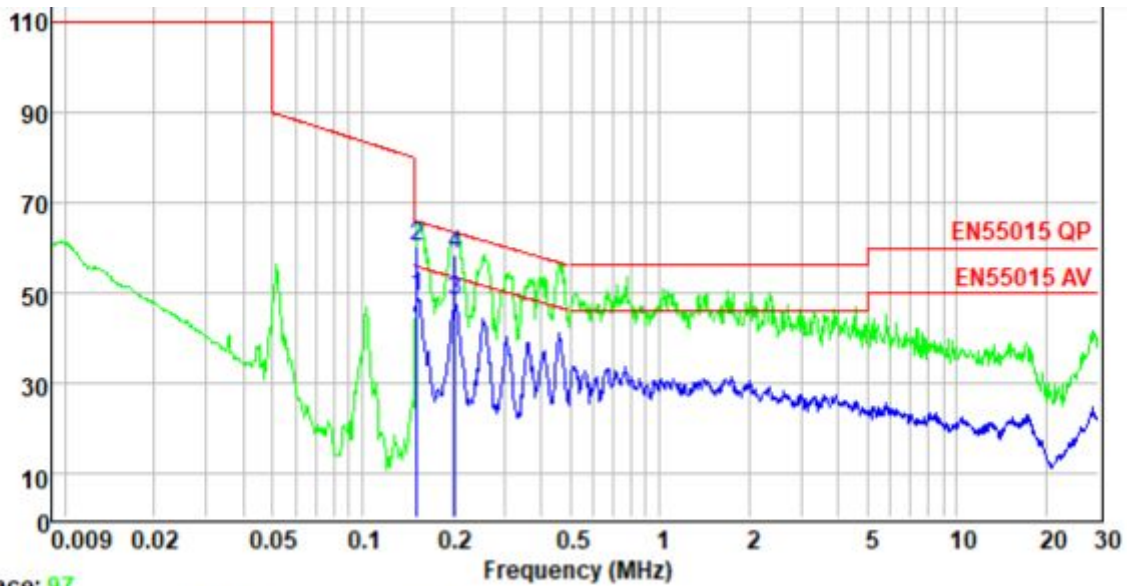
Site : site
 Condition: EN55015-1G 3m 3142D VERTICAL
 EUT : LED DRIVER
 Model : LDNF1-20-500 1#
 Input : AC 230V/50Hz
 Test by : Jacob Ouyang
 Comment : Temp:24.8'C Humi:56% Press:101.52kPa
 Test Mode: Lighting
 Remark : 低P
 : 220pF

	ReadAntenna	Cable	Limit	Over			
Freq	Level	Factor	Loss	Level	Line	Limit	Remark
MHz	dBuV	dB/m	dB	dBuV/m	dBuV/m	dB	
1 !	104.90	27.29	9.45	0.77	37.51	40.00	-2.49 Peak
2 !	104.90	25.20	9.45	0.77	35.42	40.00	-4.58 QP
3	151.60	20.66	9.03	0.83	30.52	40.00	-9.48 Peak



Site : 966 Chamber
 Condition: EN55015-1G 3m 3142D HORIZONTAL
 EUT : LED DRIVER
 Model : LDNF1-20-500 1#
 Input : AC 230V/50Hz
 Test by : Jacob Ouyang
 Comment : Temp:24.8'C Humi:56% Press:101.52kPa
 Test Mode: Lighting
 Remark : 低P
 : 220pF

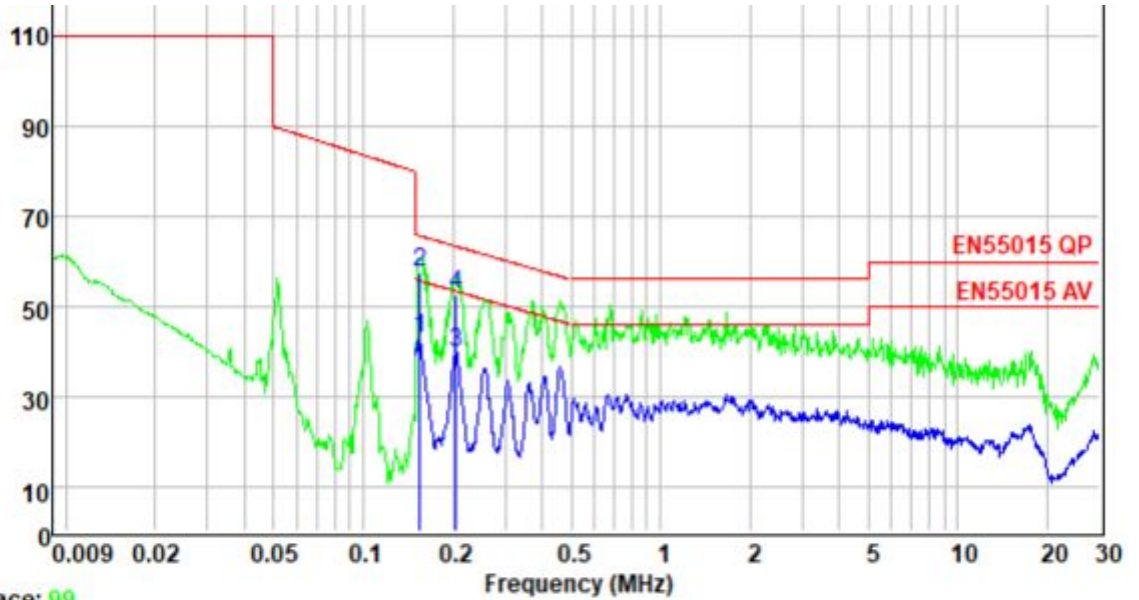
	ReadAntenna	Cable	Limit	Over			
Freq	Level	Factor	Loss	Level	Line	Limit	Remark
MHz	dBuV	dB/m	dB	dBuV/m	dBuV/m	dB	
1	129.47	21.58	8.30	0.80	30.68	40.00	-9.32 Peak
2	149.49	23.82	9.00	0.82	33.64	40.00	-6.36 Peak
3	185.79	20.95	10.10	0.86	31.91	40.00	-8.09 Peak



Trace: 97

Site : 944 Shielded Room
 Condition : EN55015 QP NEUTRAL
 EUT : LED DRIVER
 POWER : AC 230V/50Hz
 M/N : LDNF1-20-500-R
 Test Engineer: Belle
 Comment : Temp:24.9';Humi:56%;Press;101.52kPa
 Test Mode : Lighting
 : 低PF

	Freq	Level	Limit	Over	Remark
	MHz	dBuV	Line	Limit	dB
1	0.15	49.09	55.82	-6.73	Average
2	0.15	60.25	65.82	-5.57	QP
3	0.21	48.09	53.40	-5.31	Average
4	0.21	58.24	63.40	-5.16	QP



Trace: 99

Site : 944 Shielded Room
 Condition : EN55015 QP LINE
 EUT : LED DRIVER
 POWER : AC 230V/50Hz
 M/N : LDNF1-20-500-R
 Test Engineer: Belle
 Comment : Temp:24.9';Humi:56%;Press;101.52kPa
 Test Mode : Lighting
 : 低PF

	Limit	Over		
Freq	Level	Line	Limit	Remark
MHz	dBuV	dBuV	dB	
1	0.15	42.64	55.74	-13.10 Average
2	0.15	57.35	65.74	-8.39 QP
3	0.21	39.73	53.40	-13.67 Average
4	0.21	52.48	63.40	-10.92 QP