



REV	DESCRIPTION	DRW.	DATE
00.1	初版发行	M.C.N	2024.05.21
00.2	新增磁环物料安装: 方块设变(尾部增加凸台)	M.C.N	2024.07.26

Notes/备注:

1. Electrical properties/电气特性
UL Standard/UL 标准

Use Group/应用组别	B	C	F
Rated Voltage/额定电压 (V)	300	150	600
Rated Current/额定电流 (A)	42	42	42
Withstanding voltage/工频耐电压	AC 2200V/1Min		

IEC Standard/IEC 标准

Rated Voltage/额定电压 (V):	630		
Rated Current/额定电流 (A):	42		
Overvoltage Category/过电压类别 /Pollution Degree/污染等级	II/2	III/2	III/3
Voltage/电压 (V)	1000	630	630
Rated Impulse Voltage/冲击耐电压(KV)	6	6	6

2. Connection data/连接数据
Wire range/线径范围(AWG/mm²): 20~8/0.5~10
Stripping length/剥线长度(mm): 10~11
Wire tightening torque/导线扭矩(N.m): 1.2

3. Environmental safety/环境安全
Operating temperature/工作温度范围(°C): -40~+105
RoHS compliant/符合RoHS环保要求

4. 针脚位置以过PCB检具顺畅为合适

ITEM	NAME OF PART	MATERIAL	NOTES
8	磁环	TN80L	
7	SOLDER PIN3 端子3	Copper Alloy	Sn Plated
6	SOLDER PIN2 端子2	Copper Alloy	Sn Plated
5	SOLDER PIN1 端子1	Copper Alloy	Sn Plated
4	CAGE 方块	Copper Alloy	Ni Plated
3	SCREW 螺丝	Steel	M4/Zn Plated
2	HOUSING 主体2	PA66	Black/UL94 V-0
1	HOUSING 主体1	PA66	Black/UL94 V-0

Nominal dimension Tolerances (mm)							
	over 18 to 30	over 30 to 50	over 50 to 80	over 80 to 120	over 120 to 180	over 180 to 250	over 250 to 320
F	±0.25	±0.3	±0.35	±0.5	±0.7	±0.9	±1.0

Part No./料号说明:
AF103-02-11P-A

Color/颜色
5: GREEN/绿色 8: Grey/灰色
A: Black/黑色 ...

APP. MX.B	DATE: 2024.05.21	PART NO.: AF103-02-11P-A	
CHK. C.W	DATE: 2024.05.21		
DRW. M.C.N	DATE: 2024.05.21	DARWING TYPE: Customer Drawing	
PROJECTION		UNITS: mm	SCALE: 2:1 SHEET/OF: 1/1
		昆山艾尼维尔电子有限公司 KUN SHAN AINEWELL ELECTRONICS CO.,LTD	