

深圳市业展电子有限公司

承认书

SPECIFICATION FOR APPROVAL

客户名称

Customer Name _____

客户料号

Customer P/N _____

产品名称

Product Name

Alloy Shunt Resistors – SBB Series

产品规格

Product Type

SBB-K-2F-y-t1

申请承认日期

Apply Date

2019-12-12

版本

REV. _____

供货商属性 代理商

制造商 深圳市业展电子有限公司

Vendor Type Agency

Manufacturer

Note: 禁止使用 1 级环境管理物质.遵守 ACBEL"环境管理物质规范"中所要求之含量标准.

Restrict use of hazardous substances of level 1; Comply with "Specification for Hazardous Substances and Materials Management" of ACBEL

供货商印鉴 Vendor Stamp	APPROVED	CHECKED	PREPARED	承认印鉴 Stamp
			邓小辉	

Mainland China: 深圳市业展电子有限公司

Shenzhen Yezhan Electronics Co., Ltd.

Add: 深圳市龙华区环观中路荣倡工业园 7 栋 4 楼

Tel: 0755-26517682 Fax: 0755-83918284

E-mail: yezhan@yezhan.com.cn

标准书名 Classification 承认书 Specification	Spec No.	YZ-QR-EN-007
品名：内拆分流电阻 SBB Series Product Name: Alloy Shunt Resistors	Version	1.5
	Page	5-2

1. 一般事项 General

1.1 适用范围 Scope

本承认书适用于 制造之[外拆分流电阻]。

This specification is available for Alloy Shunt Resistors manufactured by

Shenzhen Yezhan Electronics Co., Ltd.

1.2 品质 Quality

本电阻器的制造系经高质量管理程序，并具有高信赖性的质量保证，且符合 RoHS 和无卤要求。

The resistor is manufactured by highly quality-controlled process and guaranteed high reliability,

it meets RoHS & Halogen-Free requirement.

1.3 标准试验状态 Standard measuring conditions

温度 $20 \pm 2^\circ\text{C}$ 、湿度 $65 \pm 5\%$ 。

但在温度 $5 \sim 35^\circ\text{C}$ 、湿度 $45 \sim 85\%$ 之情况下，仍可给予判定。

Temperature $20 \pm 2^\circ\text{C}$, Humidity $65 \pm 5\%$.

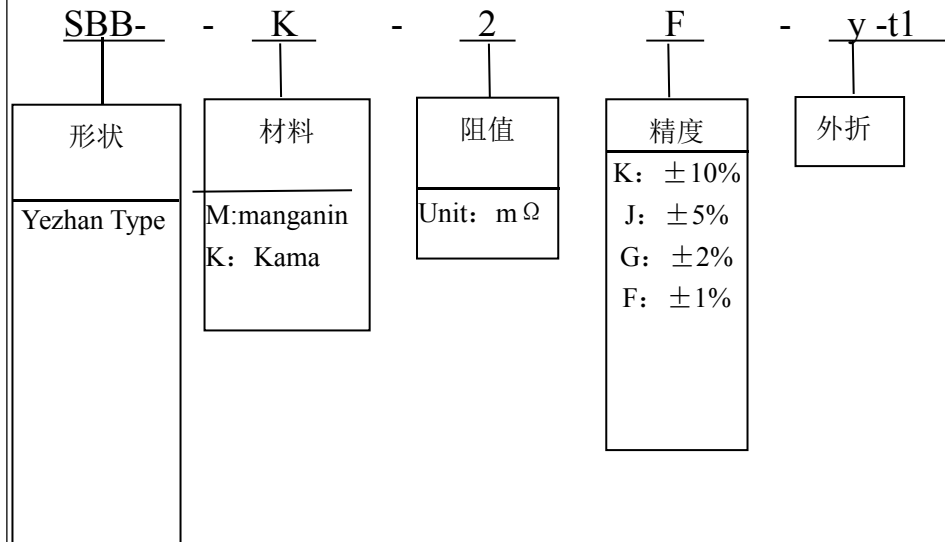
Being no doubt about the judgment, measurements can be made within the following Temperature

$5 \sim 35^\circ\text{C}$, Humidity $45 \sim 85\%$.

1.4 形名 (例) Type designation (example)

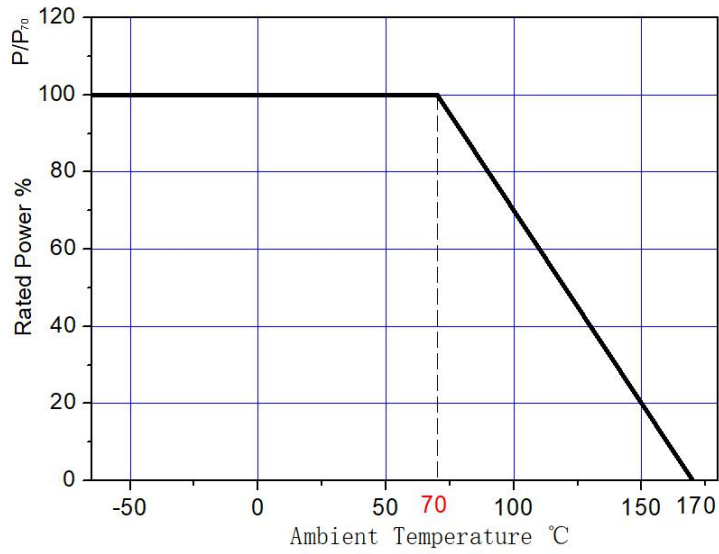
依使用种类、线径、脚距、形状、公称电阻值、电阻值容许差而区别，其构造如下：

The type designation shall be in the following form and as specified.

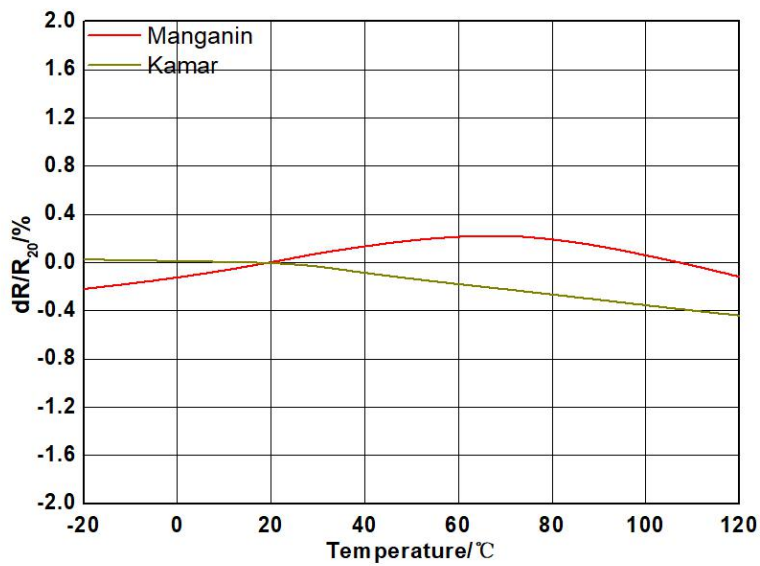


标准书名 Classification 承认书 Specification	Spec No.	YZ-QR-EN-007
品名 : 内拆分流电阻 SBB Series Product Name: Alloy Shunt Resistors	Version	1.5
	Page	5-3

1.5 功率曲线 Power Derating



1.6 温度系数曲线 TCR Derating



标准书名 Classification 承认书 Specification	Spec No.	YZ-QR-EN-007
品名：内拆分流电阻 SBB Series Product Name: Alloy Shunt Resistors	Version	1.5
	Page	5-4

1.7 外形 External

项 目	参 数
图 解	
M	6.6mm±0.3mm
H	3.0mm±0.5mm
T	0.47mm±0.1mm
A	2.5mm±0.3mm
X	4.8mm±0.5mm
D	0.9mm±0.1mm
W	6.9±0.3mm
阻 值	2mΩ±1%
电阻体温度系数	±50ppm/°C
额定功率	5W
使用温度	-65°C~170°C

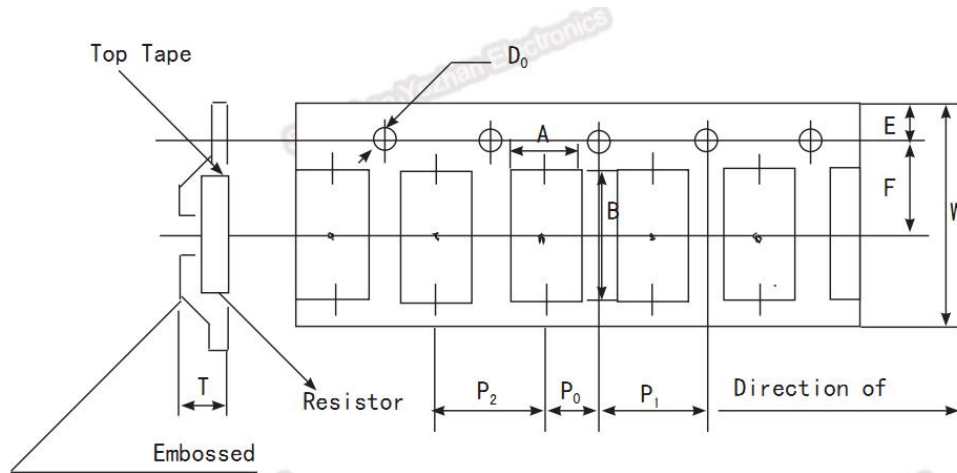
标准书名 Classification 承认书 Specification	Spec No.	YZ-QR-EN-007
品名：内拆分流电阻 SBB Series	Version	1.5
Product Name: Alloy Shunt Resistors	Page	5-5

2 应用范围 Applications

- 混合应用的电源电流传感器 Current sensor for power hybrid applications
- 变频器 Frequency converters
- 电源模块 Power modules
- 通讯系统 Communication system
- 自动化控制电源 Automatic control power supply
- 汽车市场的高电流应用 High current applications for the automotive market

3 包装 Packaging

编带 Embossed Plastic Tape Specifications



Type	A	B	W	E	F	P0	P1	P2	D0	T	Quantity (EA)
In	7.5	8	16	1.75	7.35	6	12	12	1.5	3.8	3000
Out	7.5	12.1	24	1.75	12.2	6	12	12	1.5	3.5	1000

4 工作特性 Performance Date

Items	Additional Requirements	Reference	Limits
Temperature Cycling	1000 Cycles(-55°C to +125°C)	JESD22 Method JA-104	±0.5%
High Temperature Exposure	1000hrs.@T=125°C.Unpowered.	MIL-STD-202 Method 108	±1%
Biased Humidity	1000hrs 85°C/85%RH. Note: Specified conditions: 10% of operating power.	MIL-STD-202 Method 103	±0.5%
Operational Life	Condition D Steady State TA=125°C at rated power.	MIL-STD-202 Method 108	±1%
Solderability	245°C±5°C,5s+0.5s/-0	J-STD-002C	95% Coverage Min
Resistance to Soldering Heat	260°C±5°C, 10s±1s	MIL-STD-202 Method 210	±0.5%
Short Time Overload	5×Rated power for 5 s	MIL-STD-202 Method 301	±0.5%