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 – ASR Series**

产品规格
Product Type **ASR-M-10-0.5F-t4**

申请承认日期 **Apply Date** **2020-05-15** 版本 **REV.** _____

供货商属性 **Vendor Type** □代理商 **Agency** _____ ■ 制造商 **Manufacturer:** 深圳市业展电子有限公司 **Shenzhen Yezhan Electronics Co., Ltd**

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. Banned 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: 深圳市龙华新区观澜街道办横坑河东村 440 号 6-7 栋
Building 6th-7th ,Rongchang Industry Zone, Longhua New Disrict, Shenzhen City, P.R.China
Tel: 0086-755-26517682 ext:8018 Fax: 0086-755-83918284
Mobile:0086-18926048203
E-mail: caixiaojuan@yezhan.com.cn

1. 一般事项 General

1.1 适用范围 Scope

本承认书适用于深圳市业展电子有限公司 制造之[分流贴片电阻器]。

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±2℃、湿度 65±5%。

但在温度 5～35℃、湿度 45～85%之情况下，仍可给予判定。

Temperature 20±2℃, Humidity 65±5%.

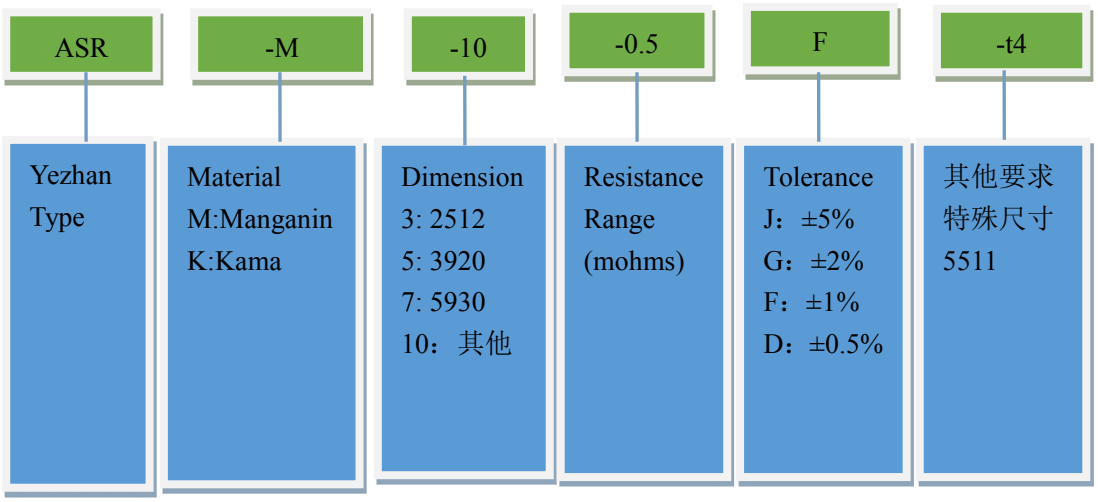
Being no doubt about the judgment, measurements can be made within the following Temperature

5～35℃, Humidity 45～85%.

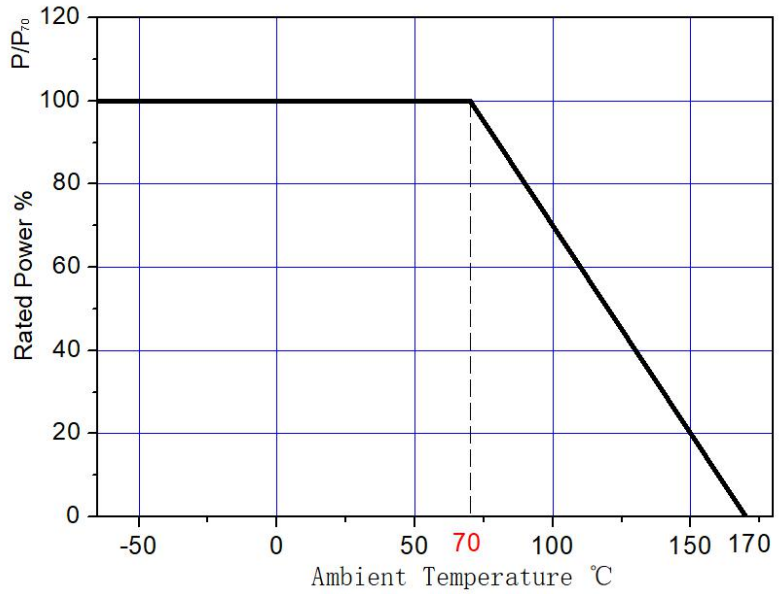
1.4 形名 (例) Type designation (example)

依使用种類、材料、规格、形状、公称电阻值、电阻值容许差而区别，其构造如下：

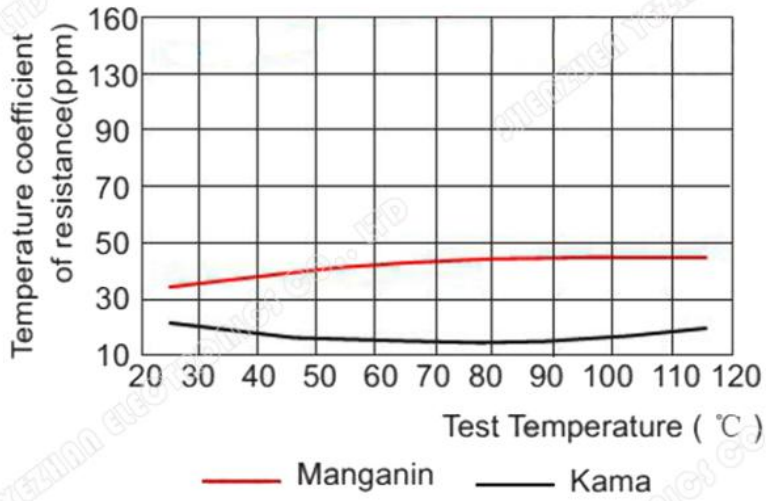
The type designation shall be in the following form and as specified.



1.5 功率曲线 Power Derating

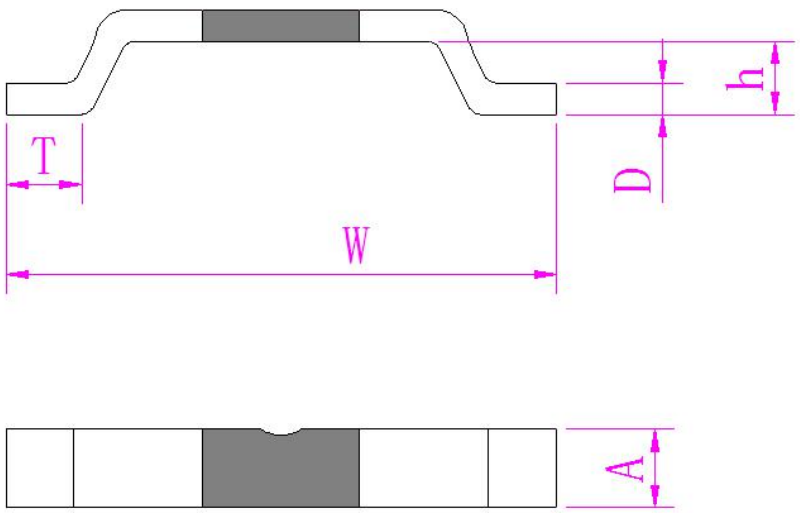


1.6 温度系数曲线 TCR Derating



1.8 外形 External

.

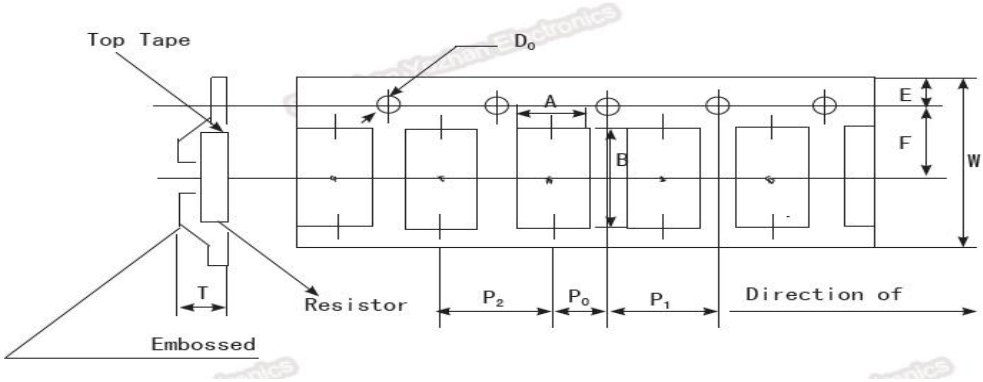
项　　目 Item	参　　数 Parameters
图　　解 Drawing	
W	14mm±0.3mm
A	2.8mm±0.5mm
T	2.0mm±0.3 mm
h	2.0mm±0.1mm
D	1.5mm±0.1mm
阻值 Value	0.5mΩ±1%
额定功率 Rated Power	2W
使用温度 Working Temp.	-65℃～170℃

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

Embossed plastic Tape Specifications



Unit：mm

Size	A	B	W	E	F	P_0	P_1	P_2	D_0	T	Quantity
5511	3.5	15	24	1.55	7.5	2	4	6	1.50	3	1000

4 工作特性 Performance Date

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