

EMI、EMC對策用元件

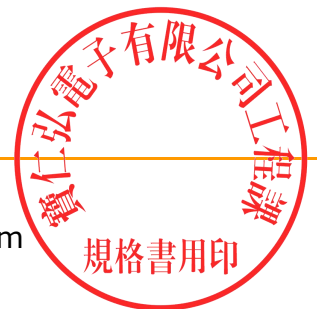
THIS SPECIFICATION IS APPLIED TO FERRITE CORE FOR EMI SUPPRESSION

A2 S5H 5*4.6*8.5-2.5TS

Product standard of spec sheet



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Note: This standard is the general industry standard, for customers' reference.

- ◆ The products listed on this catalog are intended for use in general electronic equipment (AV equipment, telecommunications equipment, home appliances, amusement equipment, computer equipment, personal equipment, office equipment, measurement equipment, industrial robots) under a normal operation and use condition. The products are not designed or warranted to meet the requirements of the applications, whose performance and/or quality require a more stringent level of safety or reliability, or whose failure, malfunction or trouble could cause serious damage to society, person or property.

- ◆ The storage period is less than 12 months. Be sure to follow the storage conditions (Temperature: 5 to 40°C, Humidity: 10 to 75% RH or less).

- ◆ Do not expose the products to magnets or magnetic fields.

- ◆ Do not use or store in locations where there are conditions such as gas corrosion (salt, acid, alkali, etc.).

- ◆ In a case where the product is attached to a cable larger than the product's internal diameter, the ferrite core may be damaged. Please confirm compatibility with the cable before use.

- ◆ Dropping or forcible engagement may cause damage to the product. Please handle the product with care when engaging.

- ◆ Do not detach and reuse a product that has been engaged; this may damage the engaged portion.

◎Part Number Construction 產品描述：

A2 S5H 5*4.6*8.5 2.5TS

A2-----Material code 材料代碼

S5H-----Shape 產品形狀【T=環形，RH=柱形，S5H=多孔，RC=夾扣】

5*4.6*8.5-----diameter 尺寸

2.5TS-----Winding number 繞線圈數

版本：A3.2

首次承認

發行編號：6K310269TS

繪圖：潘陽陽 小姐

審核：羅國良 先生

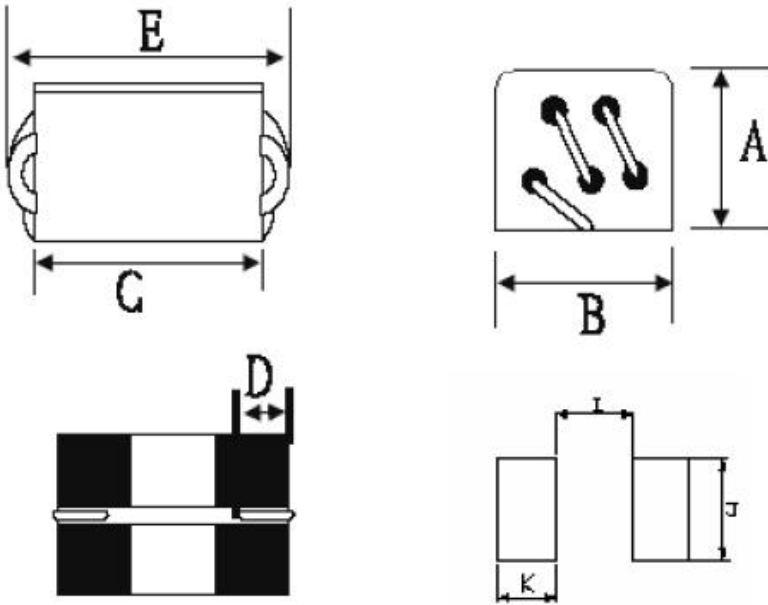
核準：魏庭 先生



REACH

◎Shape&Dimensions 形狀與尺寸:

UNIT: mm



PART NUMBER	A2 S5H 5*4.6*8.5-2.5TS
A	4.65±0.6
B	5.0±0.6
C	8.5±0.6
D	2.0±0.6
E	11.0MAX
I	3.5
J	6.0
K	3.0

◎Electrical Characteristics 電器特性:

PART NUMBER	A2 S5H 5*4.6*8.5-2.5TS
25 MHz	337Ω MIN
100 MHz	496Ω MIN
TEST INSTRUMENTS	Agilente4991A
LCR METER	HP16092A
WIRE	0.50T.C.W*40m/m 2.5Ts
TEMPERATURE	15°C to 35°C
HUMIDITY	25% to 85% RH



◎ Test Data Of Preproduction Samples 樣品測試數據：

MEAS. Item	Ω AT 25MHz	Ω AT 100MHz	A m/m	B m/m	C m/m	
Ref value	337 Ω MIN	496 Ω MIN	4.65 \pm 0.6	5.0 \pm 0.6	8.5 \pm 0.6	
1	404.01	682.03	4.79	4.91	8.33	
2	406.02	676.02	4.73	4.90	8.35	
3	402.00	680.12	4.82	4.92	8.37	
4	400.01	676.15	4.72	4.91	8.31	
5	439.01	680.13	4.81	4.92	8.34	
6	405.02	682.05	4.79	4.93	8.37	
7	439.02	676.04	4.72	4.90	8.35	
8	402.03	671.02	4.73	4.91	8.37	
9	404.01	675.01	4.82	4.93	8.34	
10	406.03	680.01	4.83	4.93	8.33	
\bar{X}	410.72	677.86	4.78	4.92	8.35	
R	39.01	11.03	0.11	0.03	0.06	

The test data above is only for reference, actual results may differ due to different production batches.

Material Characteristic:

Initial Permeability : 700 μ I \pm 30%

Curie Temperature Tc(°C) : > 110 Density D,g/cm³ : 4.9

Temp.Coef.of Initial Permeability 20-70°C α F(x10⁻⁶°C⁻¹): 2-5

Saturation Magnetic Flux Density Bs(MT) : 330(1600A/m)

Applied Frequency Range MHZ : 1MHZ-1000MHZ Coercivity Hc(A/m) : 35

Relative Loss Factor Tan δ / μ i (x10⁻⁶) : 20/0.1 MHZ

◎The Test Curve 樣品測試曲線：

