

寶 號  
CUSTOMER

ES

HF  
ROHS  
COMPLIANT

# 承 認 書

SPECIFICATION FOR APPROVAL

品名  
PRODUCT NAME N07 T 9x3x5-CG

客戶料號  
CUSTOMER PART NO.

批號  
SAMPLE  
NO.

日期  
DATE. 2012/5/24

Customer Approved Status 客戶承認範圍

FULLY APPROVED (全部承認)	PARTILLY APPROVED (部份承認)	REVISE APPROVED (修訂承認)
Drawn by	Checked by	Approved by
鍾佩宜	吳明珠	吳炳勳



KING CORE ELECTRONICS INC.

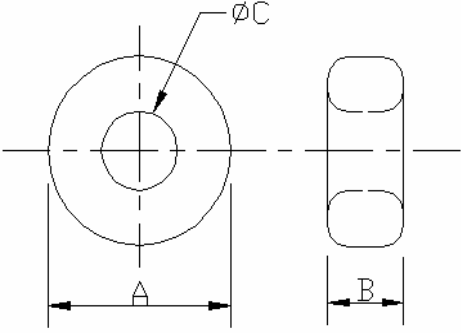
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# SPECIFICATION FOR APPROVAL

<b>CUSTOMER:</b>	ES	<b>CUST.P/N:</b>		
<b>ORDERING CODE:</b>	N07 T 9x3x5-CG	<b>K.C.P/N:</b>		
<p>(1) SHAPE : COATING GREEN</p> 		<b>A</b>	9.7max	mm
		<b>B</b>	3.6max	mm
		<b>C</b>	4.4min	mm
		<b>D</b>		
		<b>E</b>		
		<b>F</b>		
		<b>G</b>		
<p>(2)ELECTRICAL REQUIREMENTS:</p> <p style="text-align: center;">AL:2400nH/N<sup>2</sup>±25%(100KHz/100mv)</p> <p style="text-align: center;">ui:7000±30%</p>		<p>(3) TEST CONDITIONS:</p> <p>1 INDUCTORS:HP4284A</p> <p>2.WIRE: Φ0.35 2UEWx1Ts</p>		
<p>(4)PACKING</p> <p> <input type="checkbox"/> IN BULK      <input type="checkbox"/> VACUUM      <input type="checkbox"/> INSERTION         </p> <p>PCS/BAGS*      BAG/INNER BOX*      BOXES/CARTON =      PCS</p> <p>PCS/PLATE*      PLATES/CARTON=      PCS</p> <p>PCS/TRAY*      TRAYS/CARTON=      PCS</p>		<p>(5) APPEARANCE</p> <p>(1)AREA OF BREAK      : &lt;2 mm<sup>2</sup></p> <p>(2)SUM OF BREAKING AREA      &lt;3 mm<sup>2</sup></p> <p>(3)DEPTH OF BREAK      : &lt;1 mm</p>		
<p>(6)REMARK:</p>		Approved by 吴炳勳		
		Checked by 吴明珠		
		Drawn by 鍾佩宜      2012/5/24		
		DWG.NO.      20125001A		

<b>Material characteristic</b>	<b>symbol</b>	<b>Unit</b>	<b>N07</b>
<b>Initial Permeability &lt; 10 KHz, 0.1mT</b>	$\mu_i$		<b>7000 <math>\pm</math> 30%</b>
<b>Saturation Flux Density at H=15 Oe</b>	<b>B<sub>ms</sub></b>	<b>Gauss (mT)</b>	<b>4300 (430)</b>
<b>Residual Flux Density</b>	<b>Br</b>	<b>Gauss (mT)</b>	<b>1100 (110)</b>
<b>Coercive Force</b>	<b>H<sub>c</sub></b>	<b>Oersteds</b>	<b>0.08</b>
<b>Curie Temperature</b>	<b>T<sub>c</sub></b>	<b>°C</b>	<b>&gt; 120</b>
<b>Optimum Frequency range f max</b>	<b>f</b>	<b>MHz</b>	<b>0.1</b>
<b>DC resistivity</b>	$\ell$	<b>Ω-CM</b>	<b>1</b>
<b>Relative loss Factor</b>	$\times 10^{-6}$	<b>tan<math>\delta</math> / <math>\mu_i</math></b>	<b>at 10 KHz &lt; 2 at 100 KHz &lt; 12</b>
<b>Mass Density</b>	<b>d</b>	<b>g / CM<sup>3</sup></b>	<b>4.8 ~ 4.9</b>
<b>Temperature factor 25°C ~ 70 °C</b>	$\alpha F$	<b><math>\times 10^{-6}</math> / K</b>	<b><math>\leq 1</math></b>
<b>Disaccomodation factor</b>	<b>DF</b>	<b><math>\times 10^{-6}</math></b>	<b><math>\leq 2</math></b>