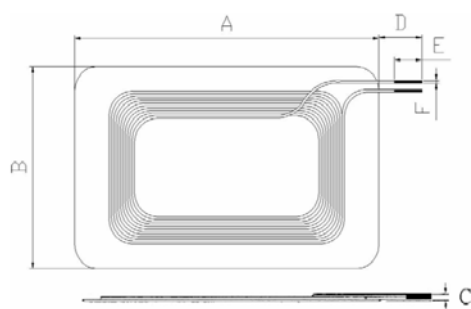


1. PART NO. EXPRESSION :

S R X 3 8 3 1 0 9 1 4 K F A
(a) (b) (c) (d)

(a) Series code (c) Turns code
(b) Dimension code (d) Material code

2. CONFIGURATION & DIMENSIONS :



Unit:m/m

A	B	C	D	E	F
38±0.5	31±0.5	0.9 Typ.	5.5±1.0	3.0 Typ.	0.5 Typ.

3. ELECTRICAL CHARACTERISTICS :

Part No.	Inductance (uH)	Test Frequency (Hz)	DCR (Ω) Typ.	Q Typ.	Turns	Efficiency %
SRX38310914KFA	10.0±10%	1V/100K	0.19	21	14	>70

4. GENERAL SPECIFICATION :

- a) Operating Temp. : -25° C ~ +85° C
- b) Storage Temp. : -40° C ~ +85° C
- c) Relative Humidity : 65±20%
- d) Storage life time : 12 Month @25°C、RH 40 ~ 65%



RoHS Compliant

NOTE : Specifications subject to change without notice. Please check our website for latest information.

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5. GENERAL SPECIFICATION :

- a) L、Q、IDC、RDC : HP4284A, HP42841A , Agilent 34420A or EQUIVALENT
- b) Ambient Temp : $20 \pm 15^{\circ} \text{C}$
- c) Relative Humidity : $65 \pm 20\%$
- d) If there may be any doubt on the result, measurement shall be made Within the following limits :
 Ambient Temp : $25 \pm 5^{\circ} \text{C}$
 Relative Humidity : $75 \pm 10\%$

6. RELIABILITY TEST :

NO	ITEM	TEST CONDITION																
1	Dimension	In accordance with specification																
2	Thermal Shock (Temperature Cycle)	Temperature : -40 ° C~+85 ° C kept stabilized for 30 minutes each Cycle : 100 Cycle (Power off)																
3	Humidity Resistance	Humidity : 90%~ 95% RH Temperature: 40± 2 ° C Test Time: 96± 2 Hours																
4	High Temperature	Temperature: 85± 2 ° C Testing Time: 96± 2 Hours																
5	Low Temperature	Temperature: -40± 2 ° C Testing Time: 96± 2 Hours																
6	Temperature and Humidity Cycle	<table><tr><td>Step</td><td>Temp</td><td>Humidity</td><td>Time</td></tr><tr><td>1</td><td>25±2° C</td><td>90~95%RH</td><td>3.0Hr</td></tr><tr><td>2</td><td>55±2° C</td><td>95~96%RH</td><td>5.0Hr</td></tr><tr><td>3</td><td>25±2° C</td><td>90~95%RH</td><td>3.0Hr</td></tr></table> Cycle : 20 Cycles	Step	Temp	Humidity	Time	1	25±2° C	90~95%RH	3.0Hr	2	55±2° C	95~96%RH	5.0Hr	3	25±2° C	90~95%RH	3.0Hr
Step	Temp	Humidity	Time															
1	25±2° C	90~95%RH	3.0Hr															
2	55±2° C	95~96%RH	5.0Hr															
3	25±2° C	90~95%RH	3.0Hr															
7	Solderability	Solder : Sn96.5 / Ag3.0 / Cu0.5 Per-Heating : 150± 10° C/ 1min. to 2min. Solder Temperature: 245± 5 ° C Immersion Time 4s± 1s Electrode shall be at least 75%																
8	Iron Solder Heat Resistance	Solder Temp. 350 ± 5 ° C Flux : Rosin Time : 3± 1 seconds																



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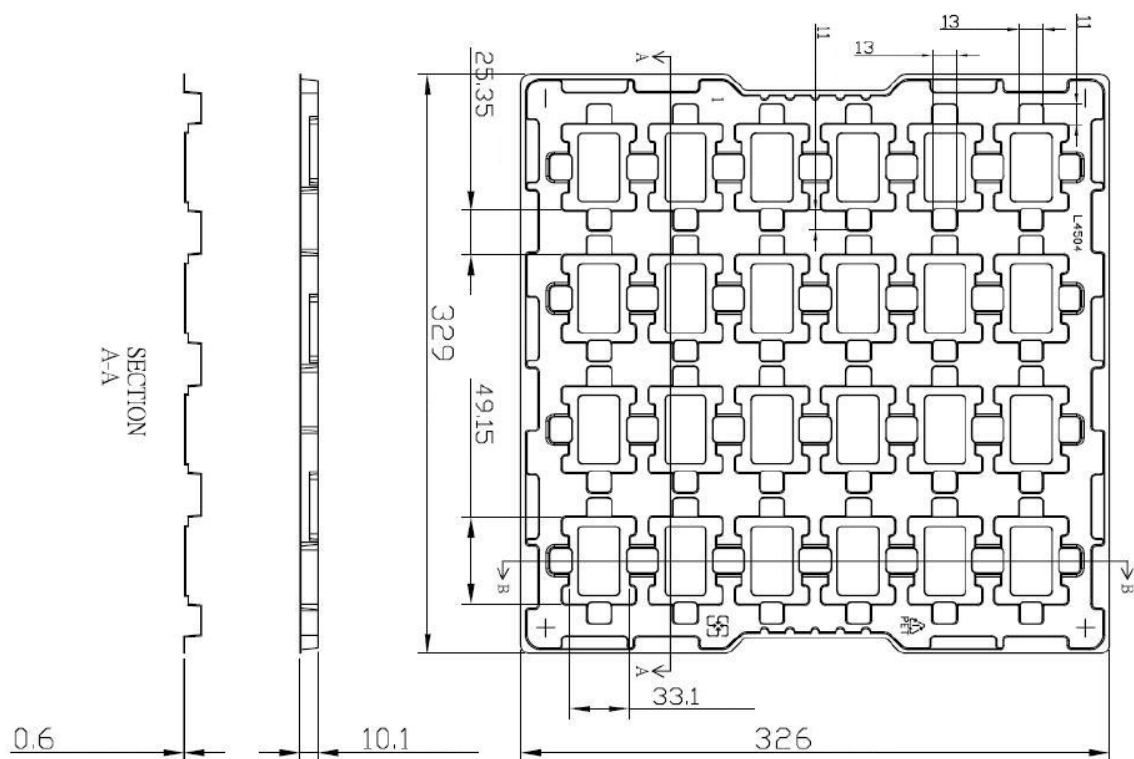
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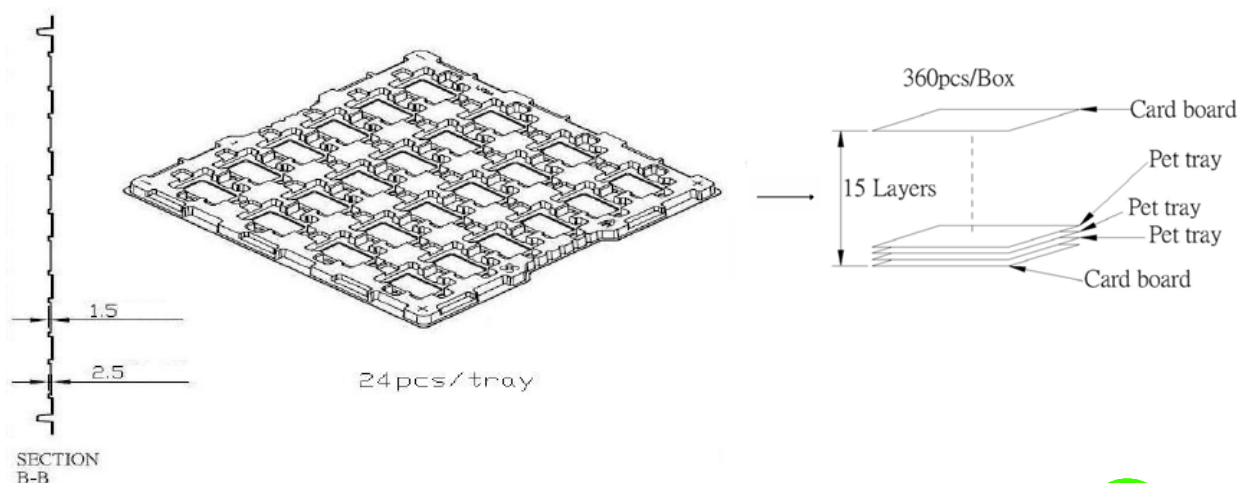
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7. PACKAGING INFORMATION :

7-1. Dimension :



7-2. Quantity :



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