

# SPECIFICATION FOR APPROVAL

## SPIRR7055220MA

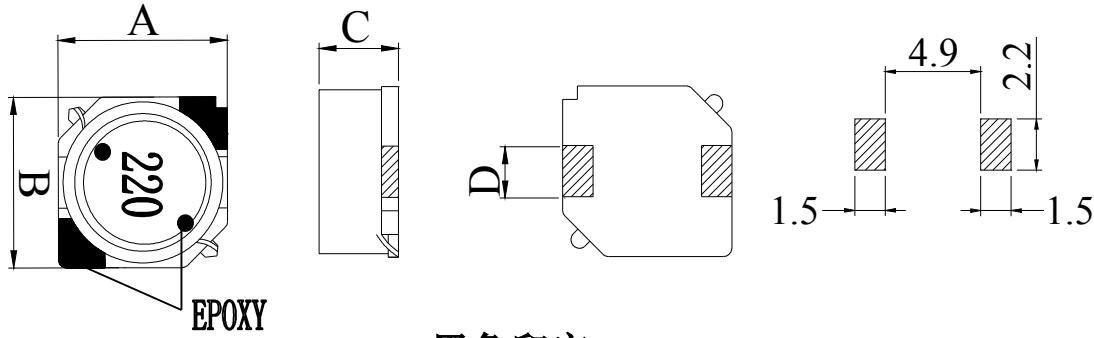
Rev.No.

A

Page

1

### I. CONFIGURATION & DIMENSIONS:



A: 7.0±0.3mm

B: 7.0±0.3mm

C: 5.5±0.3 mm

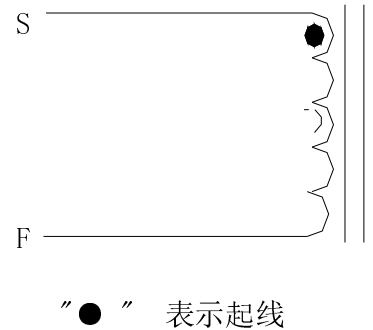
D: 2.0 mm REF

黑色印字

### II ELECTRICAL CHARACTERISTIC:

L	22uH±20%	100KHZ/1V
DCR	64.3mΩ±30%	at 25°C
IDC	2.0A drop 35% REF	100KHZ/1V
I rms	1.40A ΔT of 40°C TYP	at 25°C
Operating temp range: -40°C----+85°C		
Storage temp range: -40°C----+85°C		
Test condition: 25°C		

### III SCHEMATIC



### IV. MATERIALS:

NO.	DESCRIPTION	MATERIAL	MANUFACTURER
a.	CORE	FERRITE	BIAO QI or etc
	CORE	FERRITE	
b.	WIRE	G1 P180	ELEKTRISOLA
c.	CLIP	PLASTIC BASE	SHUO CHENG or etc
d.	SOLDER	Sn99.3Cu0.7	QIAN DAO or etc
e.	GLUE	EPOXY	YA WEI/HUI LI or etc

# SPECIFICATION FOR APPROVAL

## SPIRR7055220MA

Rev.No.

A

Page

2

Meas. Item	Electrical character				
	L	DCR	IDC	I rms	
Spec.	22uH±20%	64.3±30%	2.0A drop 35% REF	1.40A ΔT of 40°C TYP	
Unit	uH	mΩ	uH		
Test condition	100KHZ/1V	at 25°C	100KHZ/1V	at 25°C	
1	20.28	74.80	17.09	ok	
2	20.45	75.34	18.67	ok	
3	20.21	75.78	17.67	ok	
4	19.44	75.14	18.48	ok	
5	20.18	75.12	18.03	ok	
6					
7					
8					
9					
10					
$\bar{X}$	20.11	75.24	17.99	ok	
max	20.45	75.78	18.67	ok	
min	19.44	74.80	17.09	ok	
R	1.01	0.98	1.58	ok	

**TEST INSTRUMENT:**
 HP4284AHP4285A METER LCD &DCR&Q&IDC&SRF

 CH502BC METER DCR.

 HP4192A METER LCD&Z.

 CH9052BC METER HI-POT &I .R.

 HP4287A METER LCD&Z&SRF.

 VR126G/7220 METER IDC

 HP4284A&HP42841A METER LCD &DCR&IDC&SRF.

 CH2815 METER LCD.

### Darfon Electronics Corp.

# SPECIFICATION FOR APPROVAL

## SPIRR7055220MA

Rev.No.

A

Page

3

### Mechanical dimensions

Meas. Item	A(m/m)	B(m/m)	C(m/m)						
Spec.	7.0	7.0	5.5						
Tolerance	±0.3	±0.3	±0.3						
1	6.99	6.98	5.55						
2	6.99	6.94	5.56						
3	6.98	6.98	5.58						
4	7.01	6.98	5.56						
5	6.95	6.95	5.60						
6									
7									
8									
9									
10									
$\bar{X}$	6.98	6.97	5.57						
max	7.01	6.98	5.60						
min	6.95	6.94	5.55						
R	0.06	0.04	0.05						

REMARK:

**Darfon Electronics Corp.**

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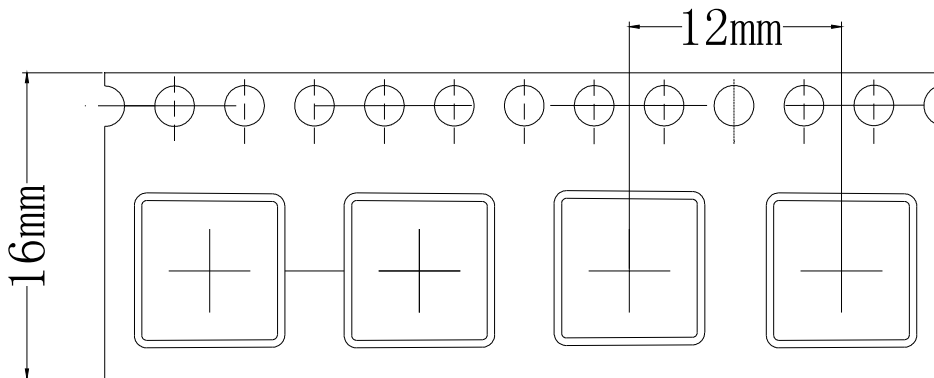
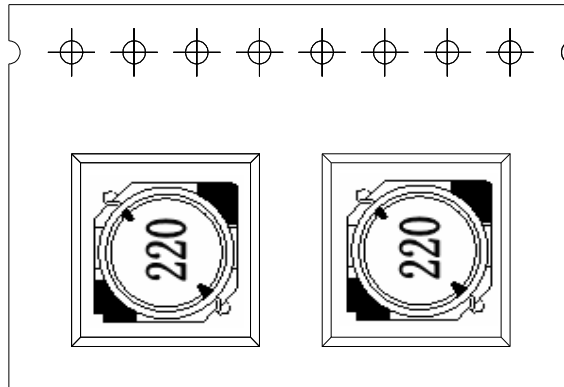
Rev.No.

A

Page

4

**PACKAGE:**



Carrier tape (W)	Carrier tape (P)	Reel Spec	Reel QTY (PCS/R)	inner box QTY (PCS)	outer box QTY (PCS)	封帶方式
16mm	12mm	13inch	800	2400	12000	冷封

package size:

1.packaging bag: 375\*400mm (REF.) .

2.inner box : 340\*70\*340mm (REF.) .

3.outer box: 375\*360\*360mm (REF.) .

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