

**A. MAXIMUM RATING:**

1. Input Power Level: 1.2W>50000 Hours, CW tone(Ta=50°C)
2. DC voltage: 0 V
3. Operating Temperature: -30°C to +85°C
4. Storage Temperature: -40°C to +85°C
5. Input Impedance: 50Ω
6. Output Impedance: 50Ω

 RoHS Compliant  
 Lead free  
 Lead-free soldering


**B. ELECTRICAL CHARACTERISTICS:**

Tx to Ant

Item			Unit	Min.	Type.	Max.
Insertion Loss	824~849MHz	IL	dB	-	2.0	2.5
Ripple	824~849MHz		dB	-	0.8	1.4
VSWR	824~849MHz		-	-	1.9	2.4
Absolute Attenuation:(Reference level from 0dB)						
	779~804	MHz	dB	10	13	-
	869~894	MHz	dB	40	45	-
	1648~1698	MHz	dB	10	16	-
	2472~2547	MHz	dB	2	5	-

Ant to Rx

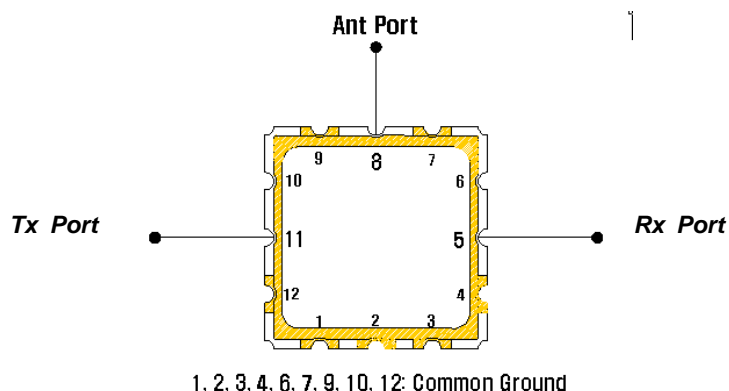
Item			Unit	Min.	Type.	Max.
Insertion Loss	869~894MHz	IL	dB	-	2.6	3.5
Ripple	869~894MHz		dB	-	1.0	2.0
VSWR	869~894MHz		-	-	1.6	2.2
Absolute Attenuation:(Reference level from 0dB)						
	824~849	MHz	dB	52	57	-
	930~1200	MHz	dB	35	38	-
	1200~1500	MHz	dB	30	45	-
	2472~2547	MHz	dB	32	37	-

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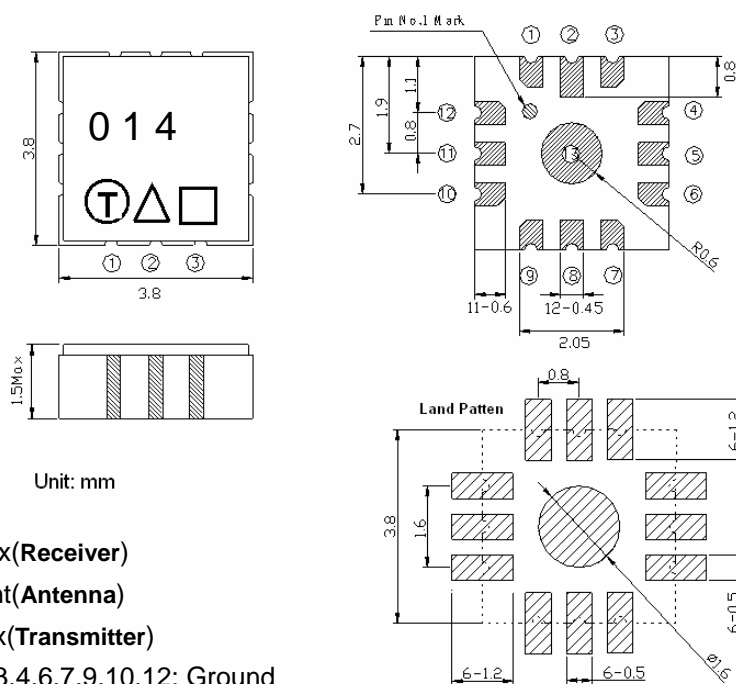
Tx to Rx

Item	Unit	Min.	Type.	Max.
Isolation 824~849MHz	dB	54	62	-
Isolation 869~894MHz	dB	43	52	-

**C. EVALUATION CIRCUIT:**



**D. OUTLINE DRAWING:**



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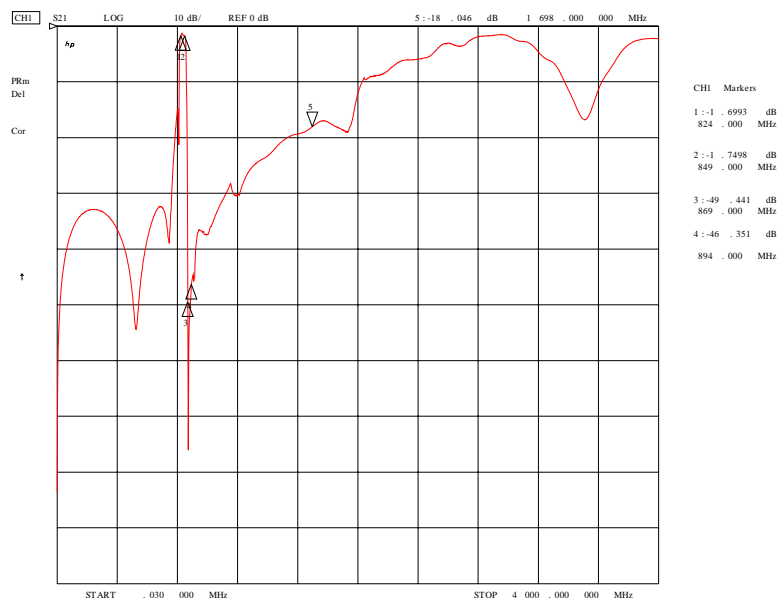
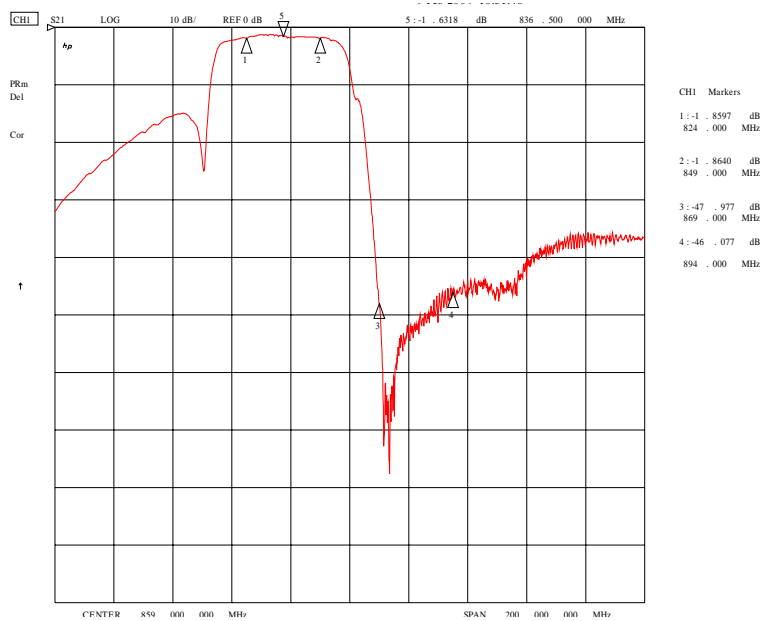
□: Date code(Provided by planer each year)

△: Year code

	Odd Year	Even Year
Year Code	F	f

**E. FREQUENCY CHARACTERISTICS:**

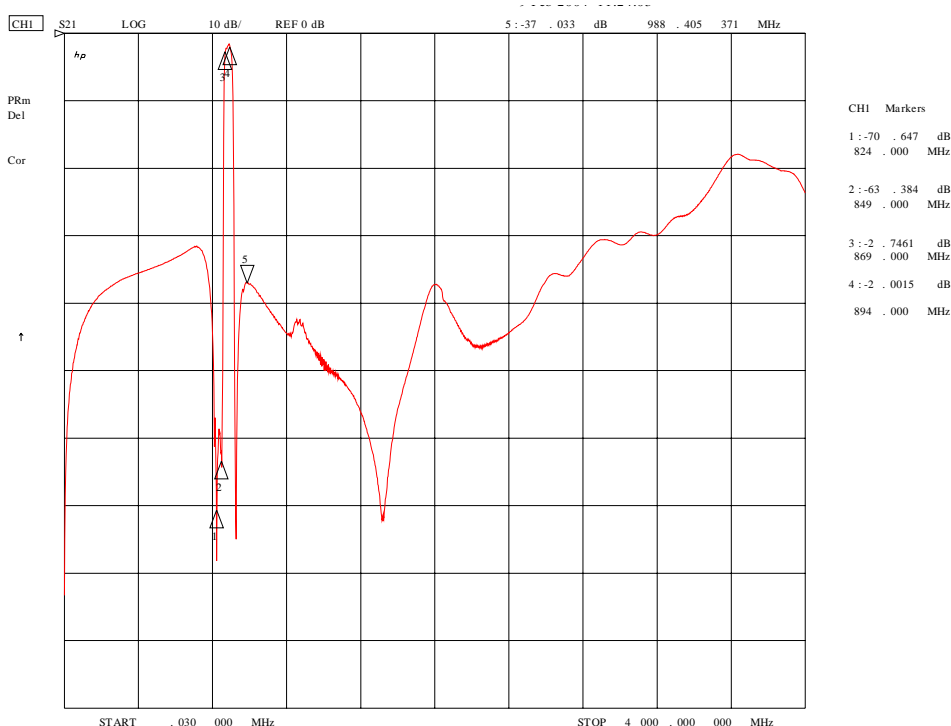
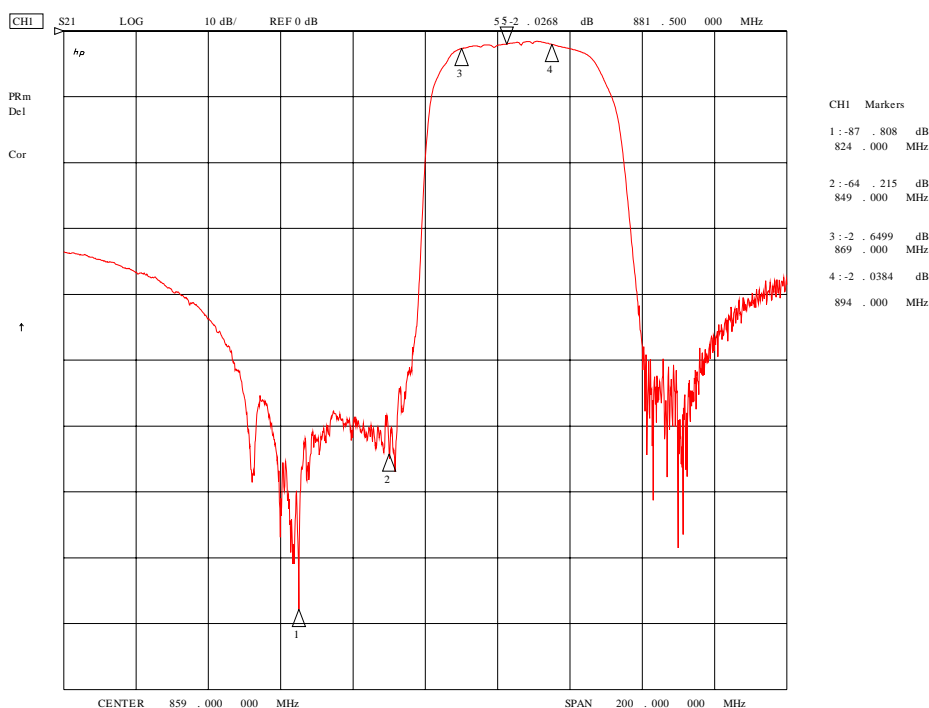
**Tx to Ant**




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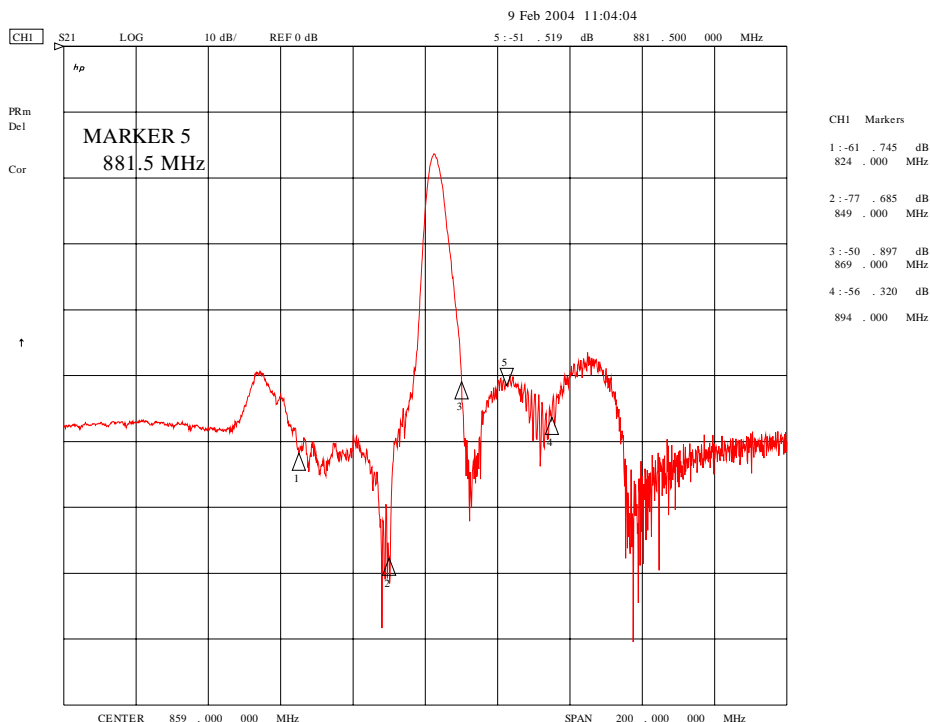
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Ant to Rx



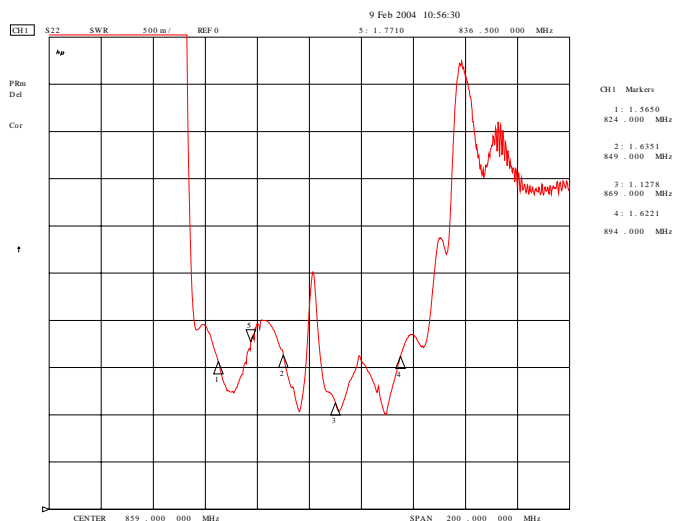
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**Isolation**



**VSWR**

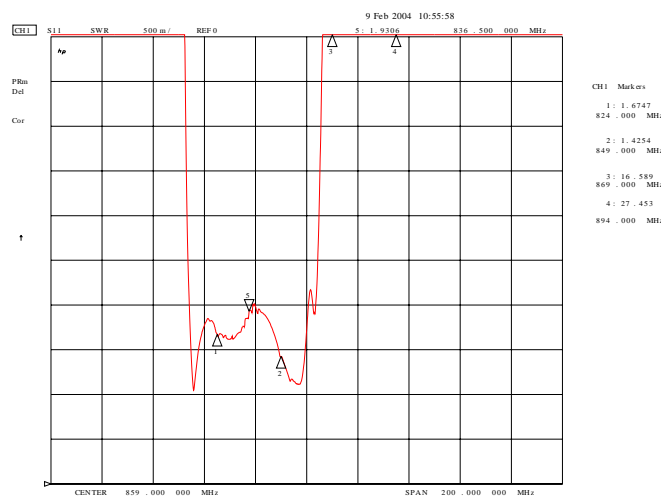
**Antenna Port**



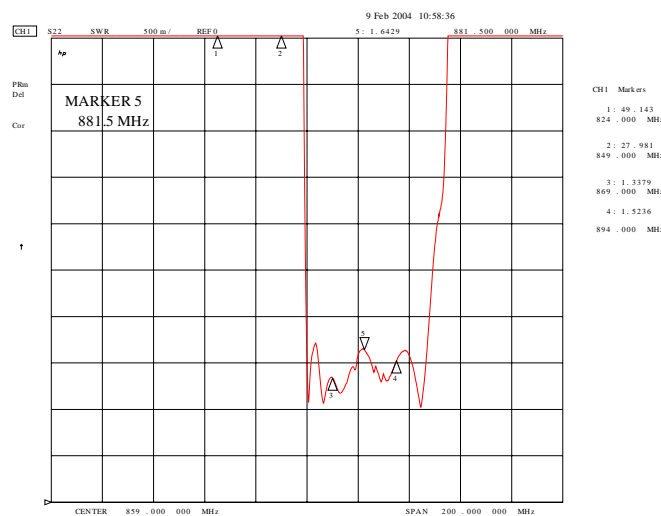
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**Tx Port**



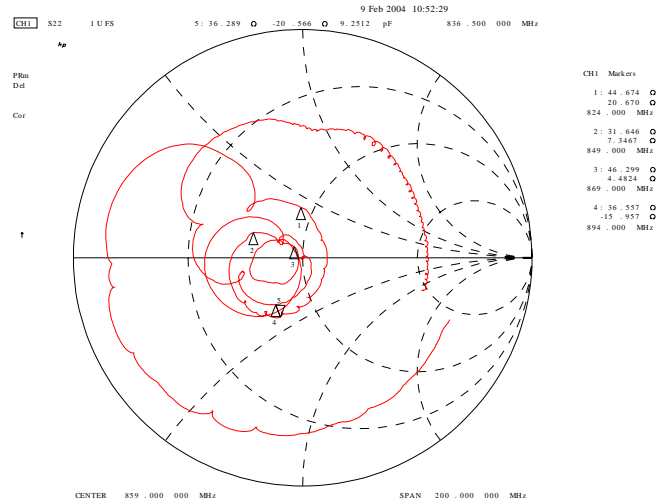
**Rx Port**



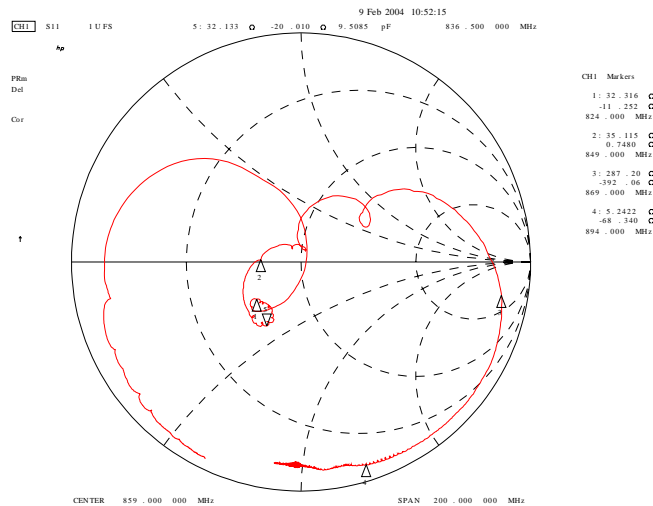
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**SMITH CHART**

**Antenna Port**

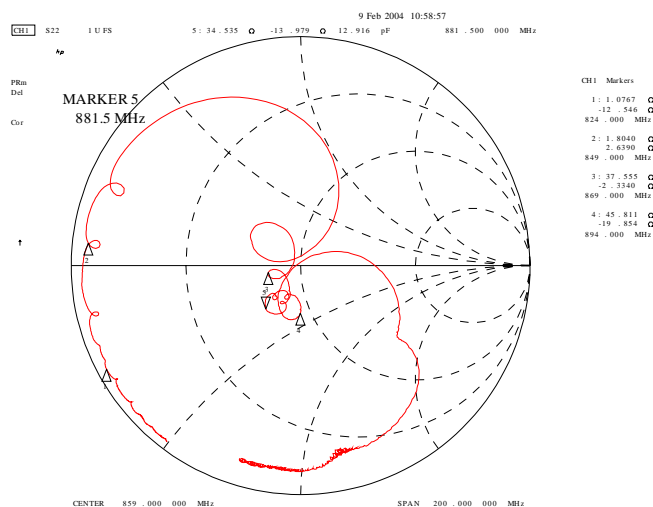


**Tx Port**



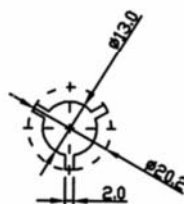
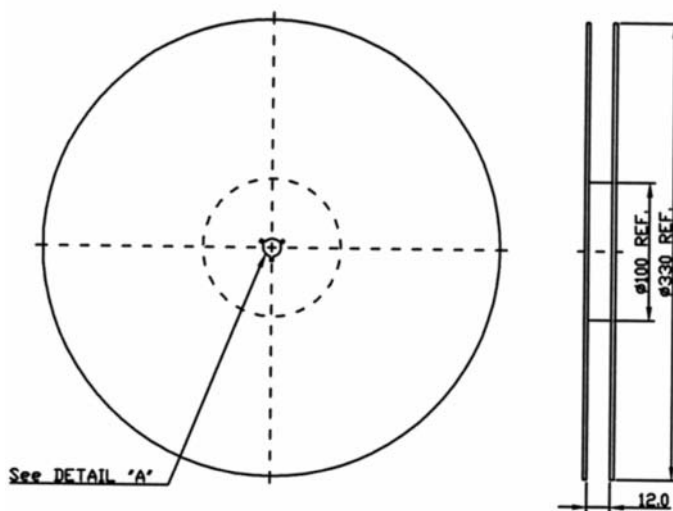
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Rx Port



**F. PACKING:**

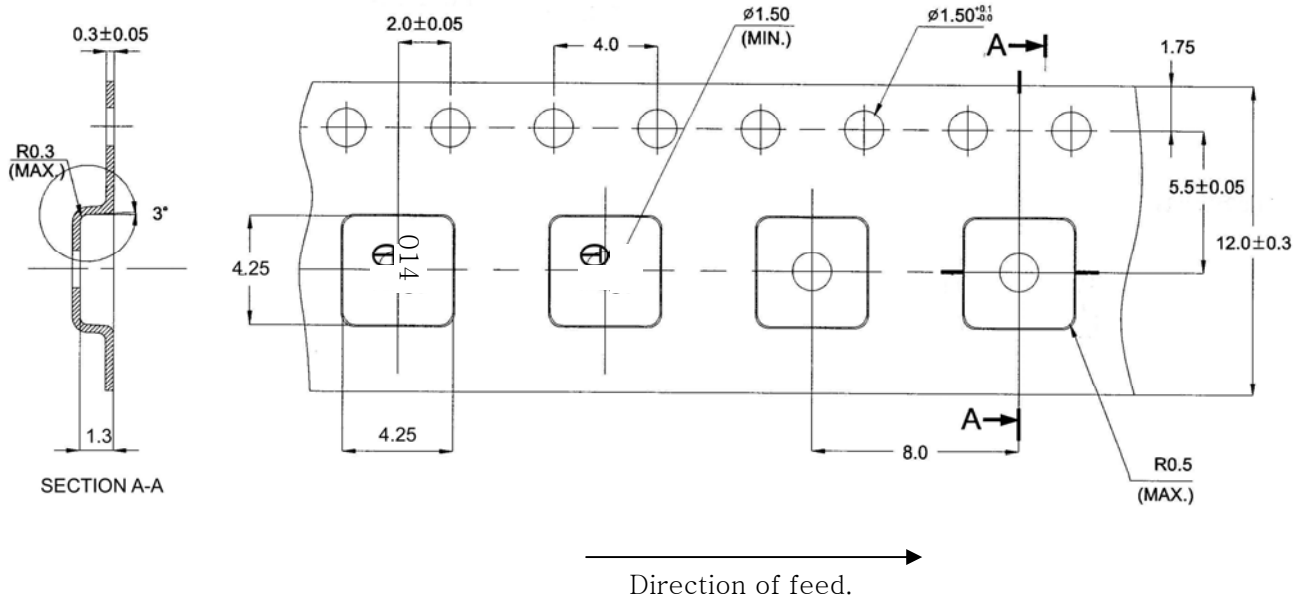
1. REEL DIMENSION




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2.TAPE DIMENSION



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