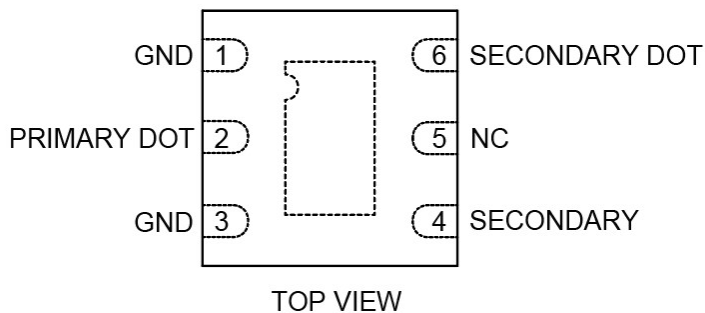
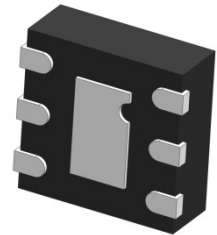


Features

- Wideband, 2000 to 7000 MHz
- Low insertion loss
- Low unbalance
- Tiny size, 2x2x0.75mm
- Human Body Model (HBM): Class 1B (500 to < 1000V)



Applications

- WLAN
- WiMAX/WIBRO
- ISM
- Radar

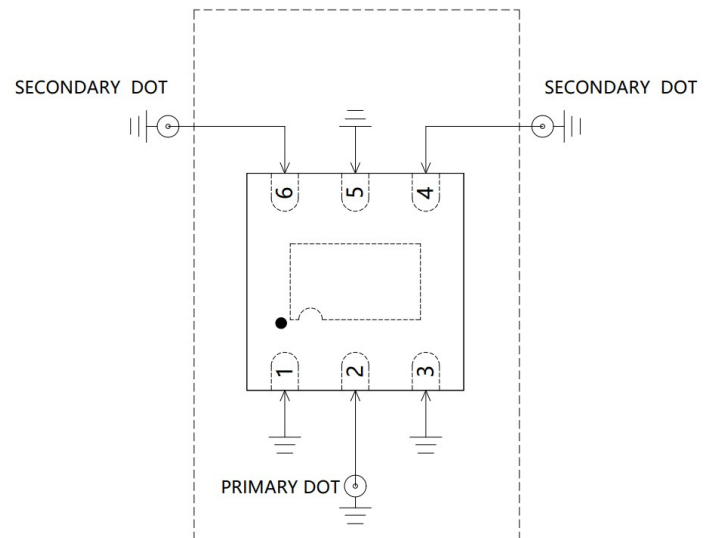
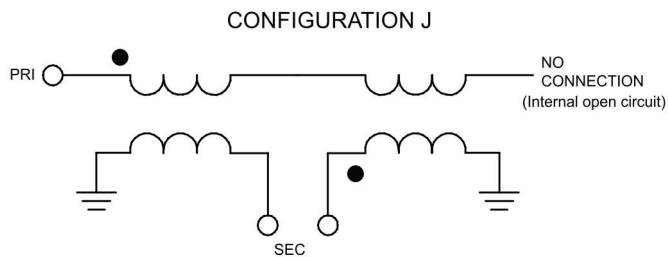
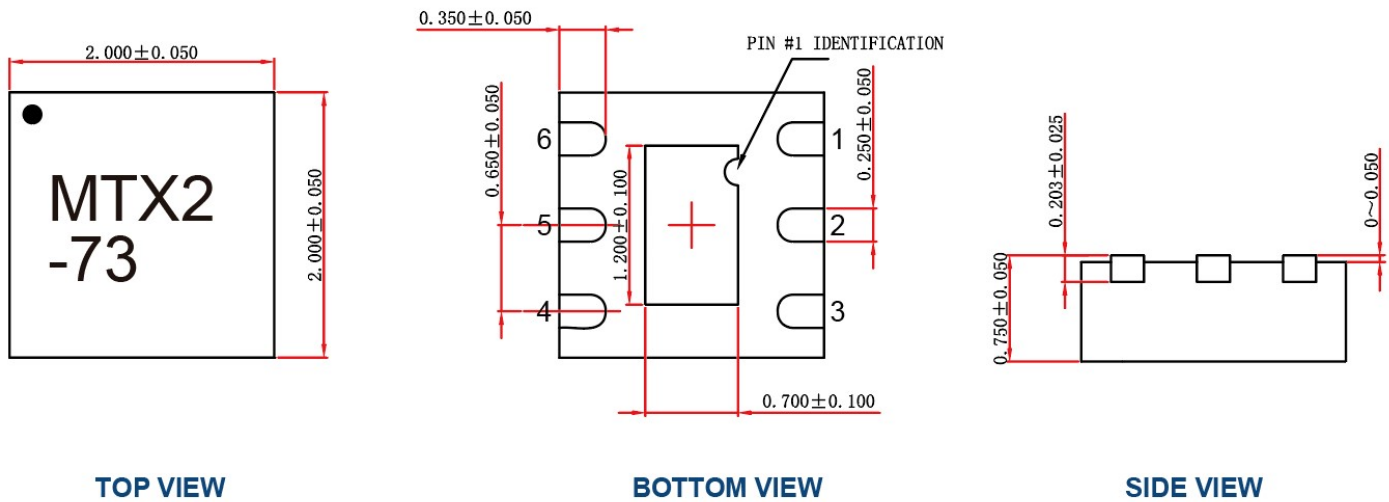
Electrical specifications at 25°C

Parameter	Frequency (MHz)	Min.	Typ.	Max.	Units
Impedance Ratio (secondary/primary)			2		
Frequency Range		2000		7000	MHz
Insertion Loss ¹	2600 – 6000	-	0.6	-	dB
	2000 - 7000	-	1.9	-	
Amplitude Unbalance	2600 – 6000	-	0.5	-	dB
	2000 - 7000	-	1.0	-	
Phase Unbalance ²	2600 – 6000	-	3	-	Degree
	2000 - 7000	-	4	-	
Input RF Power			34	-	dBm
Operating & Storage Condition					
Operation Temperature Range: -40°C ~ +85°C					
Storage Temperature Range: -65°C ~ +150°C					

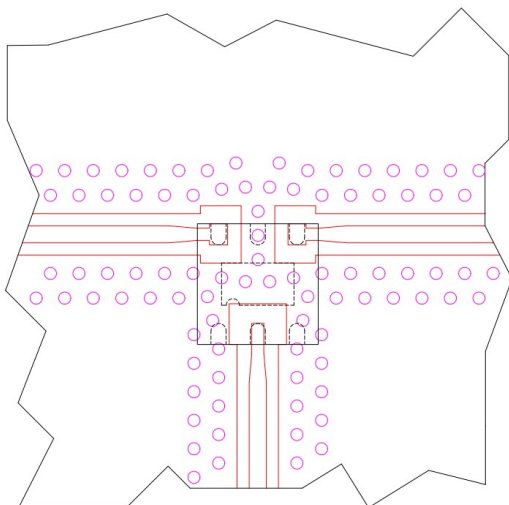
1. Insertion loss is referenced to mid-band loss, 1.5 dB.

2. Relative to 180°

Outline Drawing



PCB Land Pattern



Recommended Land Pattern Top View

Function	Pad Number
PRIMARY DOT (Unbalanced Port)	2
SECONDARY DOT (Balanced)	6
SECONDARY (Balanced)	4
GND	1,3 & paddle
NC (grounded on TB)	5

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For detailed performance specs & shopping online see Yantel web site : www.yantel-corp.com