

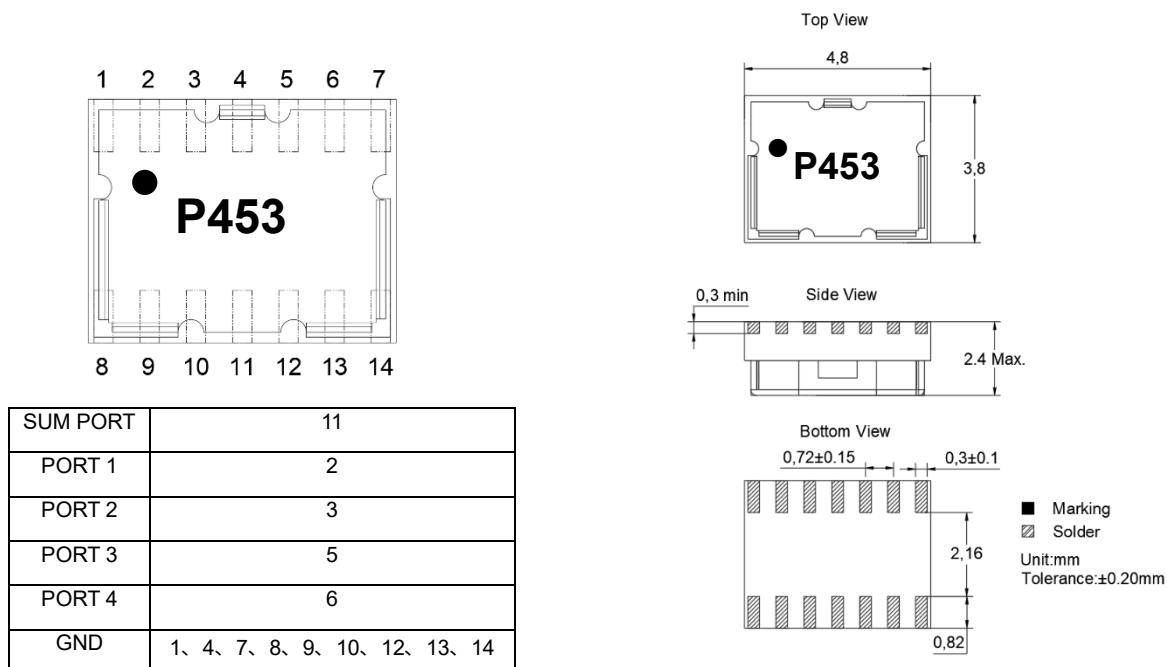
Features

- Multilayer monolithic construction yields high reliability
- Low insertion loss and small size SMD chip design
- Can simplify your complex tuning and circuit design
- LTCC process

Specifications

NO.	Items	Spec	Typ.	Unit
1	Frequency range	300~960	300~960	MHz
2	Insertion Loss, above 6.0 dB	1.8 max.	1.3	dB
3	Isolation.	8 min.	9.5	dB
4	Phase Unbalance	±5 max.		°
5	Amplitude Unbalance	±0.8 max.		dB
6	Return Loss (Input)	8.5 min.	11.5	dB
7	Return Loss (Output)	10 min.	12.5	dB
Operating & Storage Condition (Component)				
Operation Temperature Range: -40°C ~ +85°C				
Storage Temperature Range: -40°C ~ +85°C				
Storage Condition before Soldering (Included packaging material)				
Storage Temperature Range: +5 ~ +40 °C				
Humidity: 30 to 70% relative humidity				

Construction & Dimensions



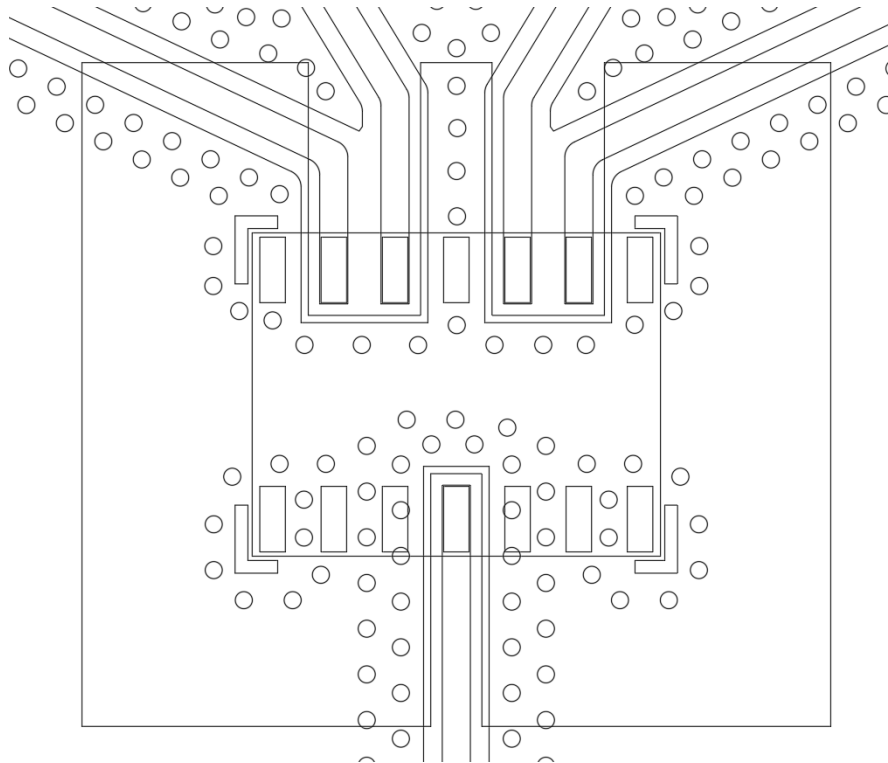
Yantel Corporation

Add: No.308-322,3F,Building 1,Juchuang Jingu Innovation Park,Wenyuan Road 35,Xili Street,Nanshan,Shenzhen,China

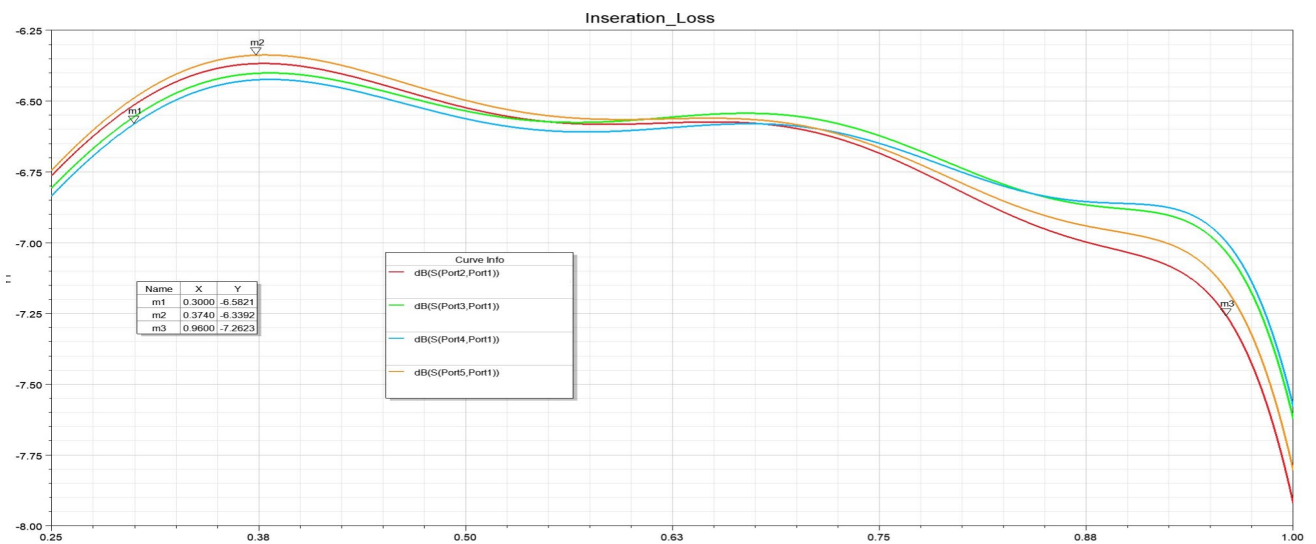
Tel: 86-755-8355-1886 Fax: 86-755-8355-2533

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

Mounting Considerations



Typical Electrical Characteristics (T=25°C)

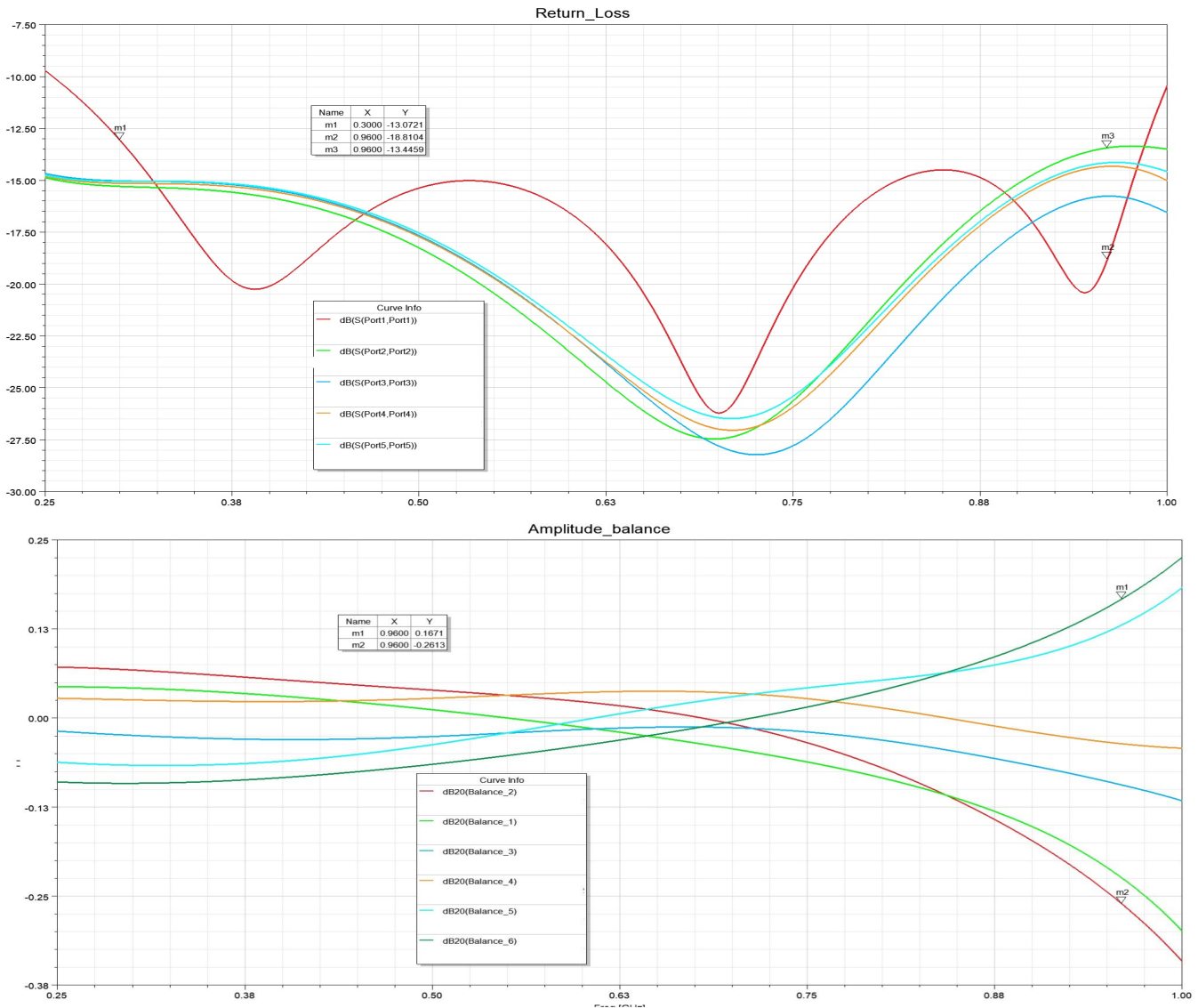


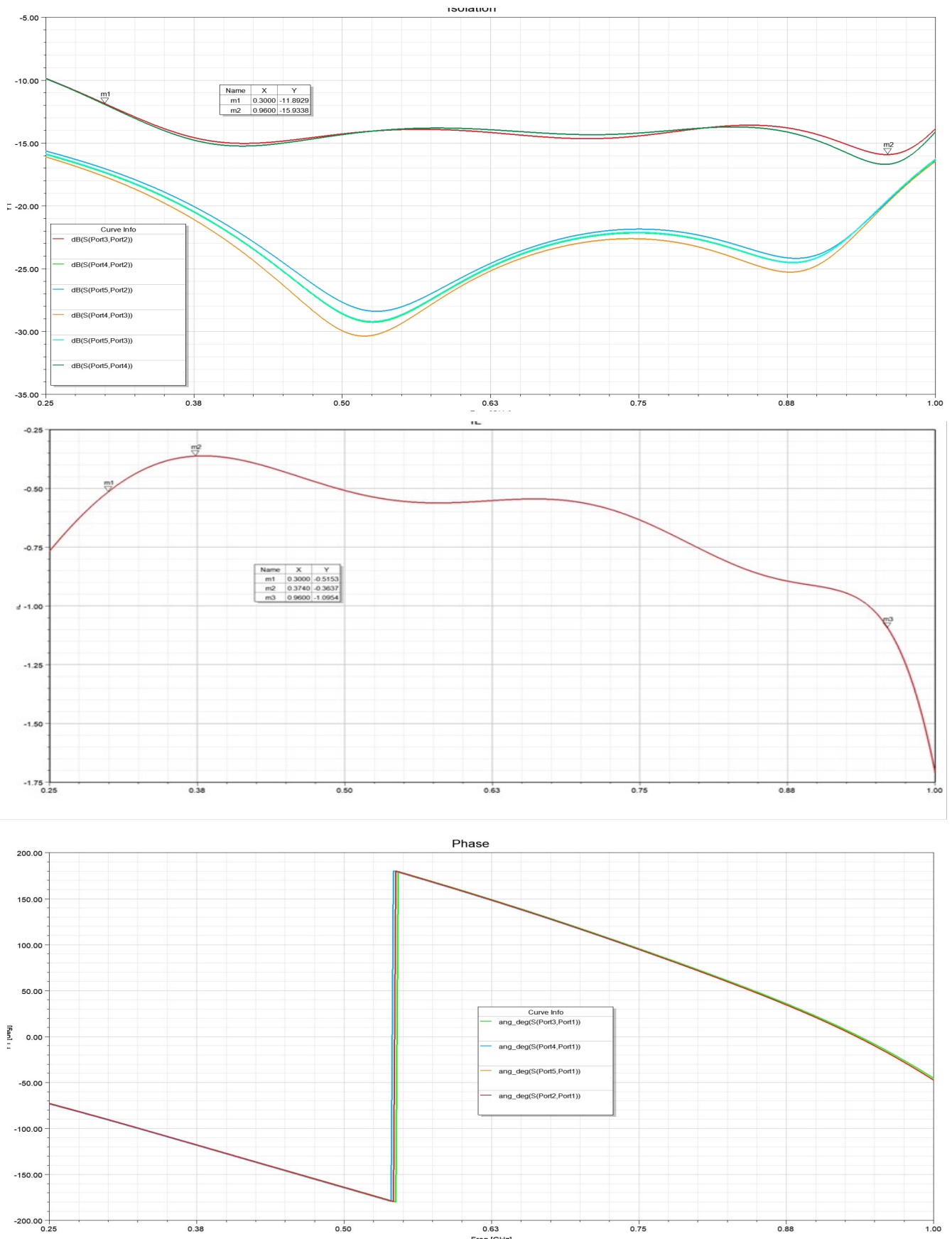
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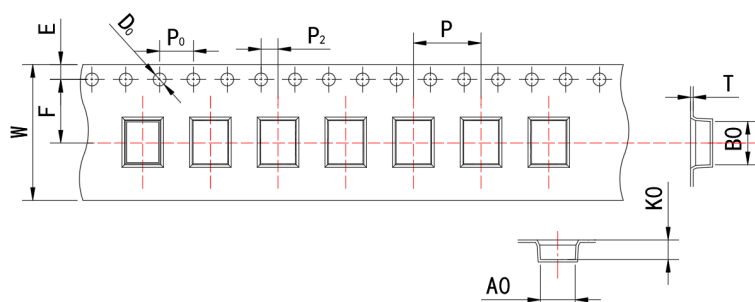
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PACKAGING



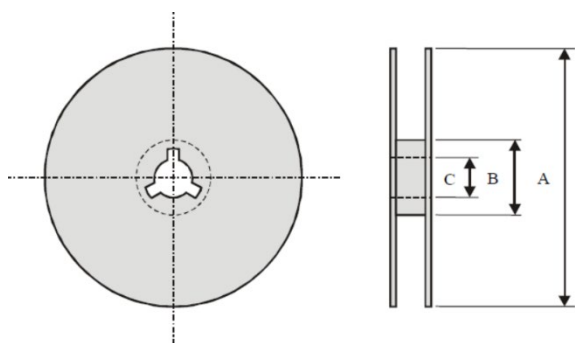
NOTE:

- 10 sprocket hole pitch cumulative tolerance is $\pm 0.20\text{mm}$.
- 1mm maximum camber in 100mm long for carrier.
- K_0 be mesured from the top carrier surface to the bottom surface inside the tape-pocket.
- All dimension scopes are in term of EIA-481-C STANDARD.
- Material: Transparent Anti-static Polystyrene.

Plastic Tape specifications (unit: mm)

Index	A0	B0	ØD	T	W	E	F	P	P0	P2
Dimension (mm)	4.1 ± 0.1	5.1 ± 0.1	$1.50+01/0$	0.3 ± 0.05	16.0 ± 0.3	1.75 ± 0.1	7.50 ± 0.1	8.0 ± 0.1	4.0 ± 0.1	2.00 ± 0.1
Index	K0									
Dimension (mm)	2.30 ± 0.1									

Reel dimensions



Index	A	B	C
Dimension (mm)	Ø178.0	Ø60.0	Ø13.2

Taping Quantity:1000 pieces per 7" reel

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