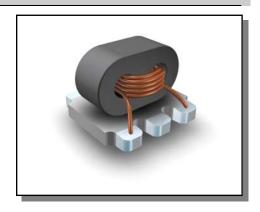


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Rev. V2

Features

- Surface Mount
- 4:1 Impedance Ratio
- RoHS* Compliant, lead free
- CT on Secondary
- Available on Tape and Reel



Electrical Specifications @25°C

Parameter	Units	Nominal	Maximum	Mean (x)	Sigma (σ)
Frequency Range 500 - 3000	MHz	_	_	İ	_
Insertion Loss (f _L - f _U) 500 - 750 MHz 750 - 1200 MHz 1200 - 3000 MHz	dB dB dB	_ _ _	3.0 1.0 3.0	 0.22 	 0.159

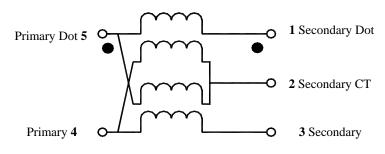
Note: Mean and Sigma calculated from average loss at @ $(f_U - f_L)/2 + f_L$

Please Note that the photograph above indicates package only, not actual unit.

Pin Configuration

Pin No.	Function		
1	Secondary Dot		
2	Secondary CT		
3	Secondary		
4	Primary		
5	Primary Dot		

Schematic



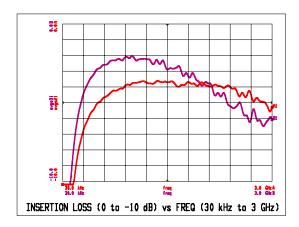


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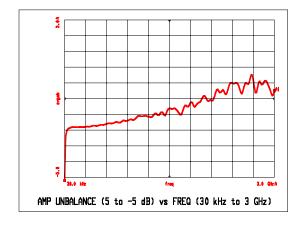
Rev. V2

Typical Performance Over Extended Bandwidth (30kHz - 3.0GHz)

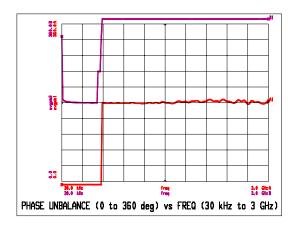
Insertion Loss



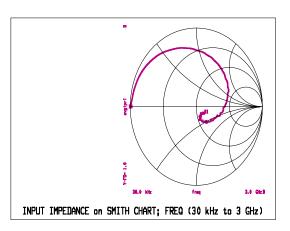
Amplitude Unbalance



Phase Unbalance



Input Impedance



typical. Mechanical outline has been fixed. Ending a Commitment to produce in volume is not warrantee.

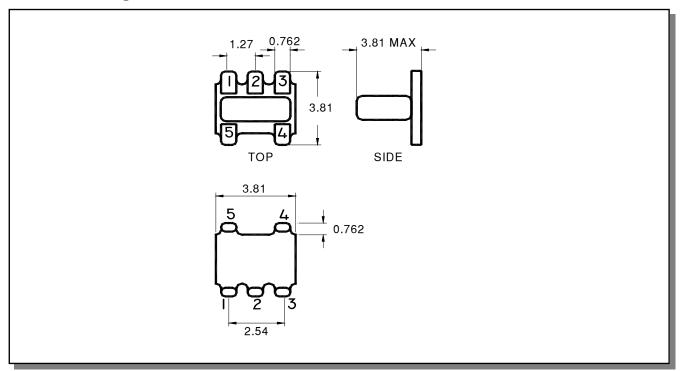
ng test. Spr cifications are or test catain ay be available



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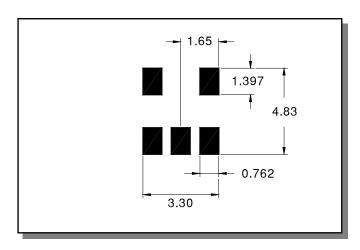
Rev. V2

Outline Drawing



- Dimensions in mm.
- 2. Tolerance: ±0.2mm unless otherwise noted.
- Model number and lot code are printed on the reel. 3.
- Termination plating is Au.

Recommended Footprint



Solutions has under development. Performance is based on engineering tests. Specifications are typical. Mechanical outline has been fixed. Engineering samples and/or test data may be available Commitment to produce in volume is not pura treed.



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Rev. V2

Tape & Reel Information

Parameter	Units	Value	
Qty per reel	-	2000	
Reel Size	mm	330	
Tape Width	mm	12.00	
Pitch	mm	8.00	
Ao	mm	4.39	
Во	mm	4.35	
Ko	mm	3.67	
Reference Application Note ANI-019 for orientation			

Ordering Information

Part Number	Description	
ETC1.6-4-2-3	2000 piece reel	
ETC1.6-4-2-3TB	Customer Test Board	

Recommended Maximum Ratings

Parameter	Value		
RF power	250mW		
DC current	30mA		
Operating Temperature	-30°C to +85°C		
Storage Temperature	-30°C to +85°C		

ECO History

Rev	Date	Description	Ву
V2	13 May 2010	Corrected the dimensions on case style drawing and changed to the new format	СВ