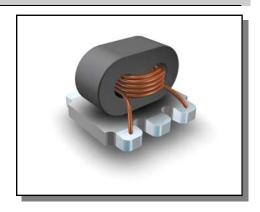


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Rev. V2

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

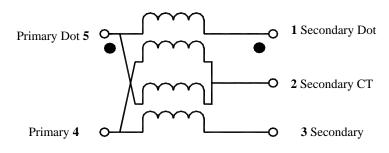
Note: Mean and Sigma calculated from average loss at @ $(f_U - f_L)/2 + f_L$

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



PRELIMINARY: Data Sheets contain information regarding a product M/A-COM Technology 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 guaranteed.

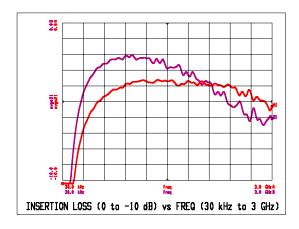


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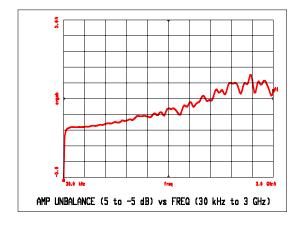
Rev. V2

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

Insertion Loss



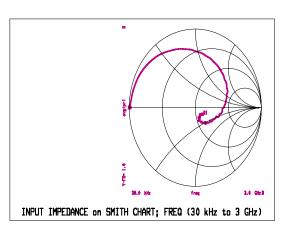
Amplitude Unbalance



Phase Unbalance



Input Impedance



and/or prototype measurements. Commitment to develop is not guaranteed.

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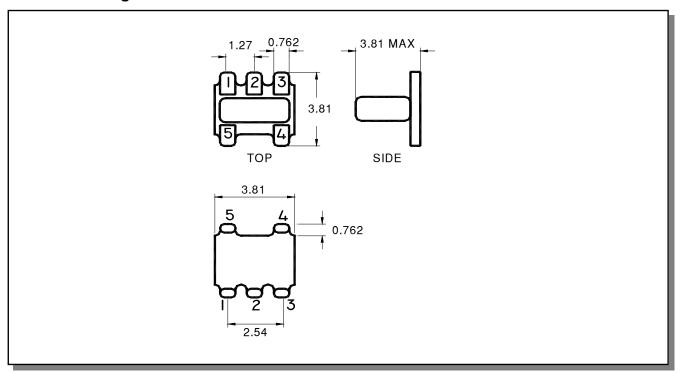
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 Europe Tel: +353.21.244.6400
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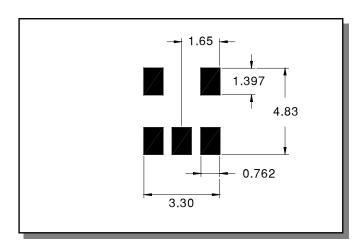
Rev. V2

Outline Drawing



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

Recommended Footprint



and/or prototype measurements. Commitment to develop is not guaranteed.

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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

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and/or prototype measurements. Commitment to develop is not guaranteed.

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