

H3-TCM2-63WX-2+

30-6000MHz 50Ω 1:2 Balun

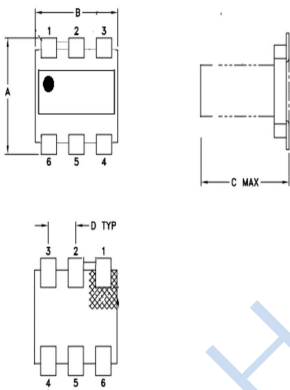
APPLICATIONS

- PCS
- Wideband push-pull amplifiers
- Cellular

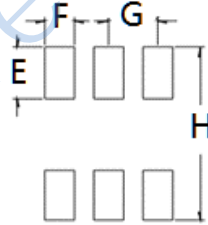
FEATURES

- Surface mount
- Impedance ratio: 1:2
- RoHS compliant and Pb free
- Available on tape and reel

DIMENSIONS



Land Pattern



A	B	C
4.21	3.81	4.00Max
D		
1.27		

E	F	G
1.65	0.76	1.27
H		
4.83		

Unless otherwise stated dimensions are in mm

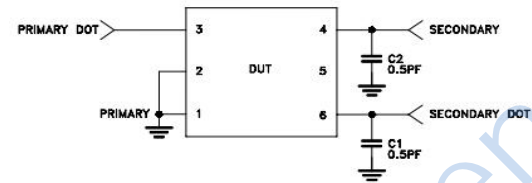
Tolerance: .xx ± 0.25, .xxx ± 0.05

ELECTRICAL SPECIFICATIONS@25°C:

Parameters (P#: ENA PORT)	frequency band	Min.	Typ.	Max.	Unit
Impedance Ratio (secondary/primary)			2		
Port Impedance, Z0			50		Ohm
Insertion Loss	30-5000MHz		2.1	2.9	dB
	100-4000MHz		1.4	1.9	dB
	5000-6000MHz		3.2	3.9	dB
Amplitude Balance	30-6000MHz		0.6		dB
	100-4500MHz		0.5		dB
Phase Balance	10-6000MHz		6		Deg
	100-4500MHz		5		Deg
Common Mode Rejection	30-6000MHz	15	22		dB
	100-4500MHz	18	28		dB



FUNCTIONAL SCHEMATIC



PIN CONFIGURATION

Pin No.	Function
1	Primary
2	Primary
3	Primary Dot
4	Secondary
6	Secondary Dot

ABSOLUTE MAXIMUM RATINGS

Parameter	Value
Input Power	400mW Max
DC Current	30mA Max
Operating Temperature Range	-40 to 85°C
Storage Temperature Range	-55 to 100°C

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TEST CURVE

