

H3-TCCH-80-2+

50-8200MHz 50Ω 1 : 1 Ratio RF Choke

APPLICATIONS

- Biasing amplifiers
- Biasing of laser diodes
- Biasing of active antennas

FEATURES

- Surface mount
- Available on tape and reel
- RoHS compliant and Pb free
- 260°C reflow compatible



FUNCTIONAL SCHEMATIC

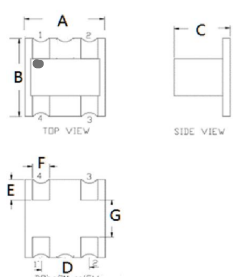


Braodband RF Choke

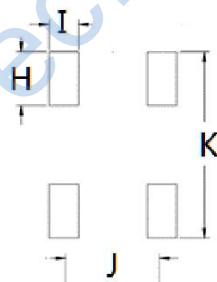
PIN CONFIGURATION

Pin No.	Function
1	RF-IN & DC
2	Not Used
3	DC
4	Not Used

DIMENSIONS



Land Pattern



A	B	C	D	H	I	J
3.81	3.81	3.50Max	2.54	1.27	0.76	2.54
E	F	G		K		
1.11	0.90	2.00		4.06		

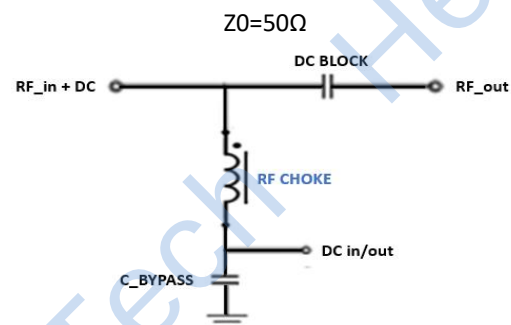
Unless otherwise stated dimensions are in mm

Tolerance: .xx ± 0.25, .xxx ± 0.05

ELECTRICAL SPECIFICATIONS@25°C:

Parameters (P#: ENA PORT)	frequency band	Min.	Typ.	Max.	Unit
Port Impedance, Z0 (P1 / P2)			50/50		Ohm
Insertion Loss	50-8200MHz		1.1	1.5	dB
VSWR	50-8200MHz		1.5	2.0	

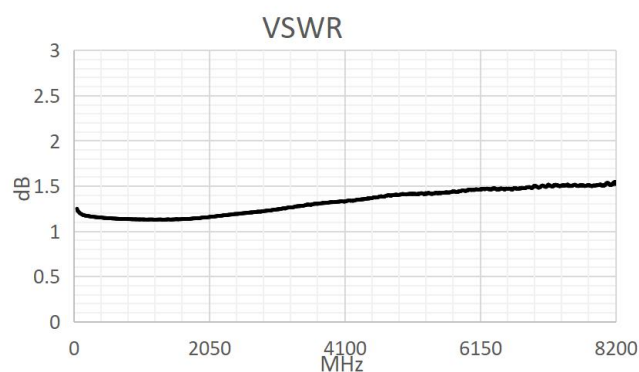
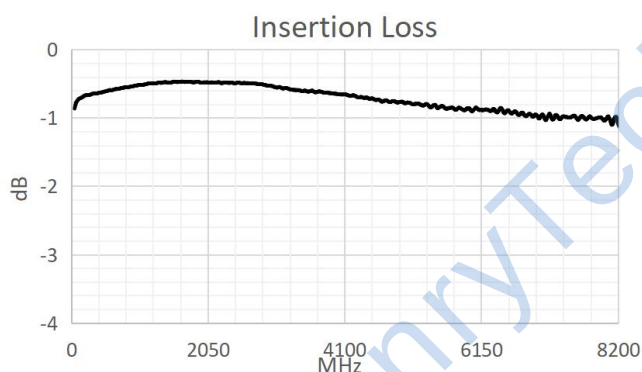
APPLICATION & TEST CIRCUIT



ABSOLUTE MAXIMUM RATINGS

Parameter	Value
DC Current	300mA
Storage Temperature Range	-55 to 125°C
Operating Temperature Range	-40 to 85°C

TEST CURVE



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