



H3-5-1000M-50-17

5-1000MHz 50Ω 17dB Coupler

• APPLICATIONS

• Ideally suited for CATV Broadband applications.

• FEATURES

• Surface mount

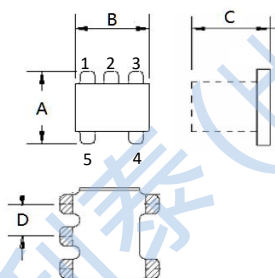
• 17dB Coupler

• RoHS compliant and Pb free

• Available on tape and reel

DIMENSIONS

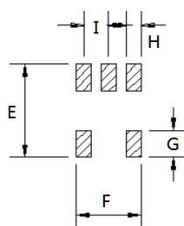
Land Pattern



A	B	C
3.81	3.81	2.70
D		
1.27		

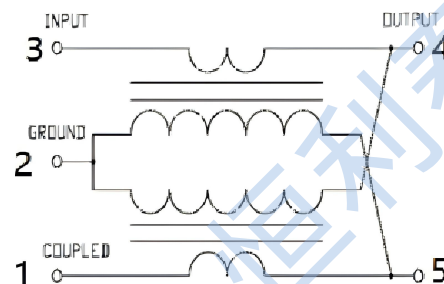
Unless otherwise stated dimensions are in mm

Tolerance: .xx ± 0.25, .xxx ± 0.05



E	F	G
4.83	3.30	1.40
H	J	
0.76	1.27	

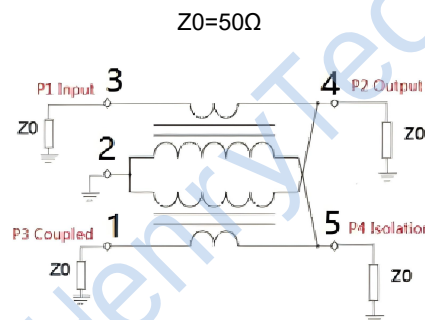
FUNCTIONAL SCHEMATIC



PIN CONFIGURATION

Pin No.	Function
1	Coupled
2	Ground
3	Input
4	Output
5	External 50 Ohm

APPLICATION & TEST CIRCUIT



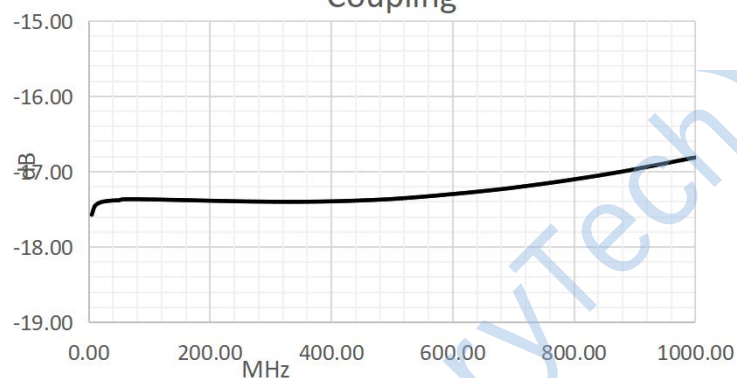
ABSOLUTE MAXIMUM RATINGS

Parameter	Value
RF Power	250 mW Max
DC Current	30mA Max
Operating Temperature Range	-40 to 85°C
Storage Temperature	-40 to 85°C

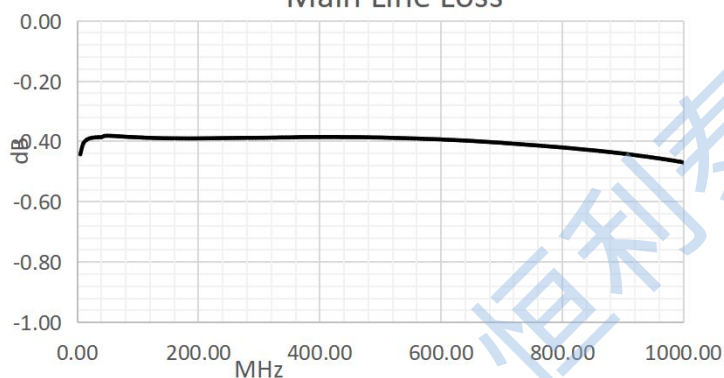


TEST CURVE

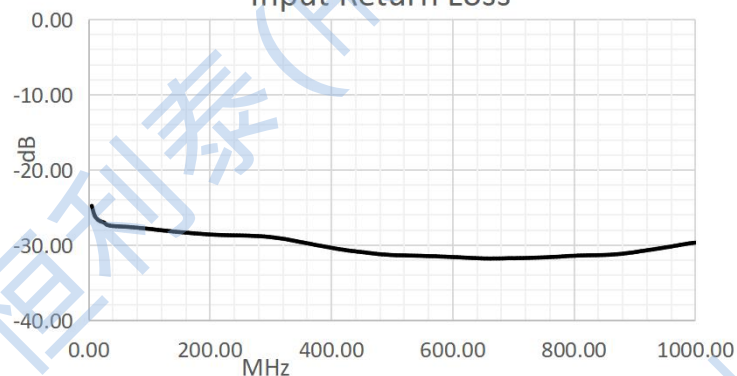
Coupling



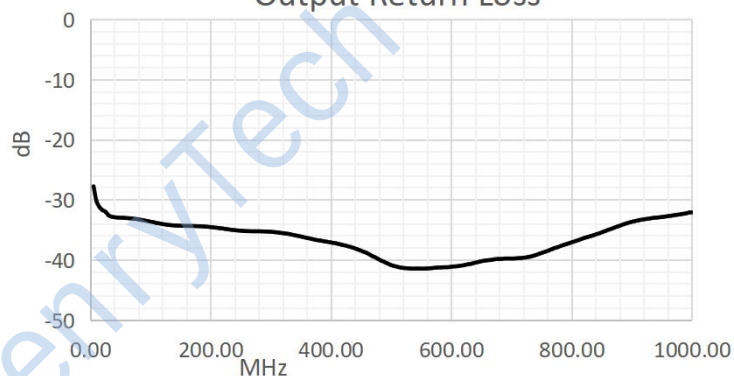
Main Line Loss



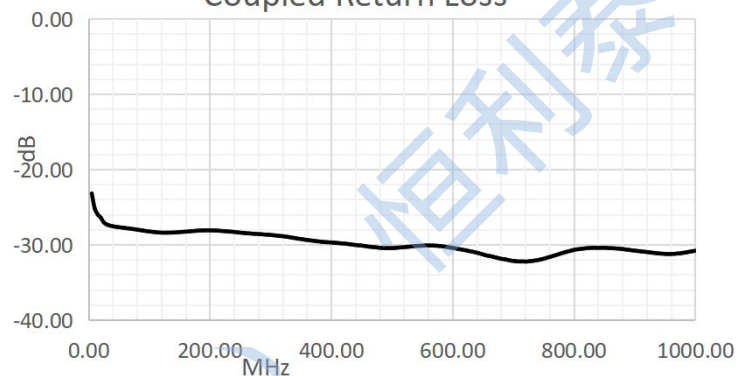
Input Return Loss



Output Return Loss



Coupled Return Loss



Isolation

