

4-Port 90° SMT Hybrid Coupler

Model Q4M003009 Rev.B

30-88MHz 4-Port 3dB 90° Hybrid, SMT



Specifications

All specifications are subject to change without notice at any time

Frequency Range	MHz	30-88
Nom. Phase	Deg. (Typ.)	90
Ports VSWR	:1 (Max.)	1.35
Insertion Loss ¹	dB(Max.)	0.55
Amp. Unbalance	dB(Max.)	±1
Phase Unbalance	Deg. (Max.)	±5
Isolation	dB(Min.)	16
Power ²	W(Max.)	CW: 200

PORT CONFIGURATION

INPUT	J1	J2	J3	J4
J1	-	ISO	0°	-90°
J2	ISO	-	-90°	0°
J3	0°	-90°	-	ISO
J4	-90°	0°	ISO	-



Weight	g(Max.)	10	Dimension ³	mm (LxWxH)	19.05x50.80x3.90
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Interface Surface Mount

Finishing Immersion Gold

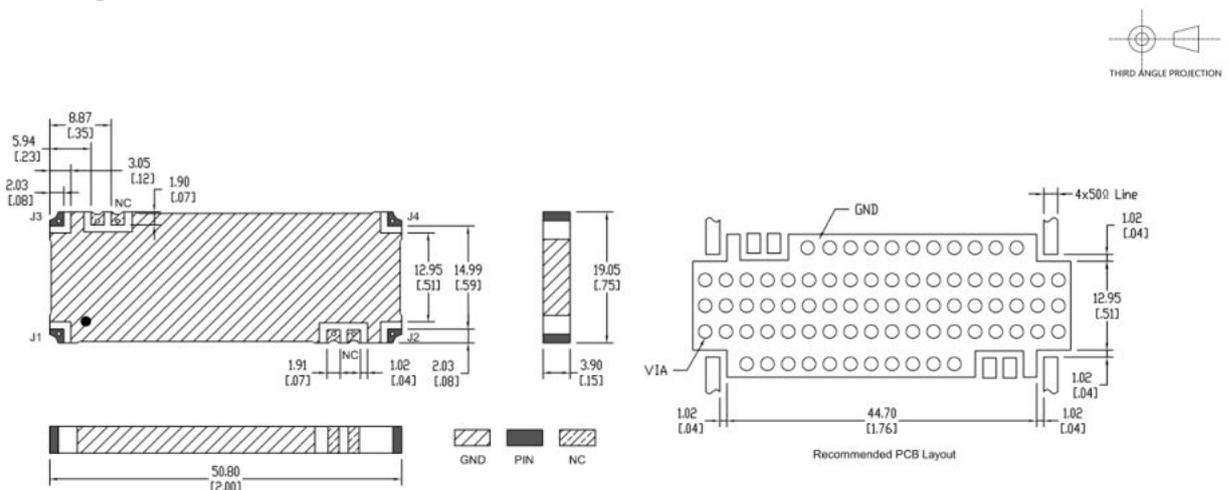
Temperature Operating: -55~+85°C; Storage: -55~+100°C

Environmental N/A

Eng. Customized N/A

- Note:
- Above theoretical 3dB and amplitude unbalance
 - VSWR ≤1.2 required for CW
 - Unless otherwise specified, Decimal tolerance: x.±1; .x±0.5; .xx±0.25

Outline Drawing



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Typical Graph

Typical test environment: 25°C and 60%RH

