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PRODUCT CHANGE NOTICE PCN Form (D4-E000-73)

PCN24-057

NOTIFICATION DATE: August 12, 2024

MODELS AFFECTED

QAT-2+ QAT-4+

EXTENT OF CHANGE:

Correction of published specifications, see change comparison tables on pages 2 and 3

EFFECT OF CHANGE:

No change to Fit (dimensions), Form (appearance), or Function (performance) NOTE: There is no change to the part

REASON FOR CHANGE:

Clerical and administrative error

EFFECTIVE DATE OF CHANGE:

Immediate, no change to parts

AS9100 ISO9001 ISO14001 Certified to QMS and EMS



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FROM:

QAT-2+:

Parameter	Condition (GHz)	Min.	Тур.	Max.	Unit	
Frequency Range		DC	-	50	GHz	
	0.01 - 5	-	0.1	0.4		
	5-10	-	0.2	0.5		
A	10-20	-	0.3	0.9		
Attenuation	20 - 30	-	0.4	1.1	dB	
	30 - 40	-	0.6	-		
	40 - 50	-	0.9	-		
	0.01 - 5	1	1.05	1.4	:1	
	5-10	-	1.12	1.4		
VCMD	10-20	-	1.18	1.8		
VSWR	20 - 30	1000	1.30		:1	
	30 - 40	-	1.26	-		
	40 - 50		1.39			

1. Tested on Mini-Circuits test board TB-QAT-2C+. See Characterization/Application Circuit in Fig. 1

TO:

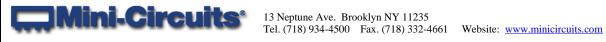
ELECTRICAL SPECIFICATIONS¹ AT 25°C, 50Ω, UNLESS NOTED OTHERWISE

Parameter	Condition (GHz)	Min.	Тур.	Max.	Units	
Frequency		DC	-	50	GHz	
Attenuation	0.01 - 5	1.6	2.0	2.4		
	5 - 10	1.7	2.1	2.5		
	10 - 20	1.7	2.1	2.6	dB	
	20 - 30	1.5	2.2	2.7		
	30 - 40	-	2.3	-		
	40 - 50	-	2.4	-		
VSWR	0.01 - 5	-	1.08	1.3		
	5 - 10	2	1.18	1.5	:1	
	10 - 20	-	1.11	1.5		
	20 - 30	-	1.17	-		
	30 - 40	+	1.28	-		
	40 - 50	-	1.55	-		

1. Tested on Mini-Circuits test board TB-QAT-2C+. See Characterization/Application Circuit in Fig. 1

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PCN24-057 Rev.: A M135112 (01/16/12) File: PCN24-057 This document and its contents are the property of Mini-Circuits. Refer to Procedure: D3-E040



PRODUCT CHANGE NOTICE PCN Form (D4-E000-73)

FROM:

QAT-4+

ELECTRICAL SPECIFICATIONS¹ AT 25°C, 50Ω, UNLESS NOTED OTHERWISE

Parameter	Condition (GHz)	Min.	Тур.	Max.	Unit	
Frequency Range		DC		50	GHz	
	0.01 - 5	2.6	3.0	3.3	dB	
	5-10	2.5	3.1	3.4		
A	10 - 20	2.5	3.1	3.8		
Attenuation	20 - 30	2.5	3.3	3.8		
	30 - 40		3.1			
	40 - 50		3.0			
	0.01 - 5		1.15	1.4	:1	
	5-10		1.16	1.4		
VICUID	10-20		1.17	1.6		
VSWR	20 - 30		1.21			
	30 - 40		1.22			
	40 - 50		1.37			

1. Tested on Mini-Circuits test board TB-QAT-4C+. See Characterization/Application Circuit in Fig. 1

<u>TO:</u>

ELECTRICAL SPECIFICATIONS¹ AT 25°C, 50Ω, UNLESS NOTED OTHERWISE

Parameter	Condition (GHz)	Min.	Тур.	Max.	Units	
Frequency		DC	-	50	GHz	
Attenuation	0.01 - 5	3.6	4.1	4.3		
	5 - 10	3.6	4.1	4.4		
	10 - 20	3.6	4.0	4.4	dB	
	20 - 30	3.6	4.1	4.6	ав	
	30 - 40	-	4.00	-		
	40 - 50	-	3.9	-		
VSWR	0.01 - 5	-	1.13	1.4		
	5 - 10	-	1.19	1.5		
	10 - 20		1.11	1.5	.1	
	20 - 30	-	1.16	-	:1	
	30 - 40		1.25	-		
	40 - 50	-	1.37	-		

1. Tested on Mini-Circuits test board TB-QAT-4C+. See Characterization/Application Circuit in Fig. 1

QUESTIONS?

PLEASE CONTACT US.

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