

PRODUCT CHANGE NOTICE

PCN Form (D4-E000-73)

PCN#25-041**NOTIFICATION DATE: June 19, 2025****MODEL(S) AFFECTED:****RCDAT-6000-110****RUDAT-6000-110****EXTENT OF CHANGE:**

Replacement of supplied attenuator chip, based on discontinuation of supply, with alternate qualified chip from same supplier.

EFFECT OF CHANGE:

- No change in FIT.
- Change in Function – performance and specifications vary from original performance as follows:

Parameters	Conditions (MHz)	Old design	New design
Return Loss In @ 0 - 10 dB	1 - 500	17.7 dB Typ	15 dB Typ
	500 - 4000	26.4 dB Typ	23 dB Typ
	4000 - 6000	17.7 dB Typ	
Return Loss In @ 10.25 - 20 dB	1 - 500	17.7 dB Typ	23 dB Typ
	500 - 4000	26.4 dB Typ	
	4000 - 6000	17.7 dB Typ	
Return Loss In @ 20.25 - 110 dB	1 - 4000	32.2 dB Typ	23 dB Typ
	4000 - 6000	23.1 dB Typ	
Return Loss Out @ 0 - 10 dB	1 - 500	17.7 dB Typ	15 dB Typ
	500 - 3500	26.4 dB Typ	23 dB Typ
	3500 - 4000	26.4 dB Typ	15 dB Typ
	4000 - 6000	17.7 dB Typ	
Return Loss Out @ 10.25 - 20 dB	1 - 500	17.7 dB Typ	17 dB Typ
	500 - 4000	26.4 dB Typ	
	4000 - 6000	17.7 dB Typ	
Return Loss Out @ 20.25 - 110 dB	1 - 4000	32.5 dB Typ	17 dB Typ
	4000 - 6000	23.1 dB Typ	

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Parameters	Conditions (MHz)	Old design	New design
Attenuation Accuracy @ 0.25 - 10 dB	4000 - 6000	$\pm(0.2+6.0\%$ of setting) dB Max	$\pm(0.3+7.0\%$ of setting) dB Max
Attenuation Accuracy @ 40.25 - 90 dB	2000 - 4000	$\pm(1.1+1.0\%$ of setting) dB Max	$\pm(1.0+1.5\%$ of setting) dB Max
Attenuation Accuracy @ 90.25 - 110 dB	2000 - 4000	$\pm(-1.2+3.5\%$ of setting) dB Max	
Input Operating Power	1 - 10	+10 dBm Max	Derates linearly from +23 dBm at 50 MHz to +9 dBm at 1 MHz. +23 dBm Max
	10 - 50	+20 dBm Max	
	50 - 6000	+20 dBm Max	
Max RF Power @ Abs. Max Ratings	1 - 10	+13 dBm Max	Derates linearly from +26 dBm at 50 MHz to +12 dBm at 1 MHz. +26 dBm Max
	10 - 50	+23 dBm Max	
	50 - 6000	+23 dBm Max	

- Change in Form – (Cosmetic change only) Changed power warning on label:



REASON FOR CHANGE:

Obsolescence of supplied components.

EFFECTIVE DATE OF CHANGE:

On exhaustion of existing stock. First date code after change is 2524

QUESTIONS?

[PLEASE CONTACT US.](#)