

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

PCN#20-009

NOTIFICATION DATE: March 11, 2020

MODEL(S) AFFECTED:

RC4DAT-8G-95

EXTENT OF CHANGE:

Redesign for improved isolation between channels, higher speed communication and reducing model profile.

EFFECT OF CHANGE:

Change in **FIT** and **FORM** from case style [QE2249](#) to [QE2972](#), specifically:

Dimension		Original (QE2249)	Current (QE2972)
Letter	Description	Specification	Specification
C	Model height	0.85" (21.6mm)	0.600" (15.24mm)
D	RF connector height	0.28" (7.1mm)	0.262" (6.65mm)
--	Weight	400 grams	300 grams

USB connector changed from type **Mini-B** to type **C**

Change in **FUNCTION** as follows:

Parameters	Original performance		Current performance	
	Performance	Specification	Performance	Specification
Isolation between channels @ 7200-8000 MHz	94 to 127.2 dB	90 dB Typ	111.5 to 130.9 dB	100 dB Min, 125 dB Typ
USB current consumption	180 to 190 mA	190mA Typ 250mA Max	205 to 266 mA	210 mA Typ 330mA Max
USB communication speed	3msec typ (full transmit/receive cycle) of 64 bytes		400µsec typ (full transmit/receive cycle) of 1024 bytes	
Ethernet max speed	10 Mbps (10 Base-T Half Duplex)		100 Mbps (100 Base-T Full Duplex)	

REASON FOR CHANGE:

Improved model design.

EFFECTIVE DATE OF CHANGE:

Immediate, pending stock depletion.

ATTACHMENTS:

Data available to support the change.

QUESTIONS?

[PLEASE CONTACT US.](#)