

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

PCN#18-077

NOTIFICATION DATE: September 11, 2018

MODEL(S) AFFECTED:

Existing Model:	Replacement Model:
ROS-3970-2PH19+	<u>ROS-39702PH19R+</u>

EXTENT OF CHANGE:

1. Replacement of supplied transistor and varactors diodes based on discontinuation of supply with alternate, qualified transistor and varactors.
2. Changes of internal component values to support item 1.

EFFECT OF CHANGE:

No change in FIT or FORM

Change in Function - performance differs from original performance as follows:

Parameters	Original Performance	Original spec	New Performance	New Spec
DC Current	26.6 to 26.8 mA	35 mA Max	30.1 to 30.4 mA	37 mA Max
Pulling	1.45 to 2.85 MHz	3 MHz/V Typ	0.87 to 6.75 MHz	6 MHz/V Typ
Ph. N @ 100kHz	-123 to -121.6 dBc/Hz	-122 dBc/Hz Typ	-120.5 to -117.8 dBc/Hz	-119 dBc/Hz Typ
Ph. N @ 1MHz	-143.7 to -142.5 dBc/Hz	-143 dBc/Hz Typ	-140.5 to -137.9 dBc/Hz	-139 dBc/Hz Typ

No change in internal or external layout.

REASON FOR CHANGE:

Obsolescence of supplied components.

EFFECTIVE DATE OF CHANGE:

Immediate, pending stock depletion

ATTACHMENTS:

Data available to support the change

QUESTIONS?

[PLEASE CONTACT US.](#)