

PRODUCT/PROCESS CHANGE NOTICE



ORIGINATOR: Danny Foley

DATE: Jul 7th 2021

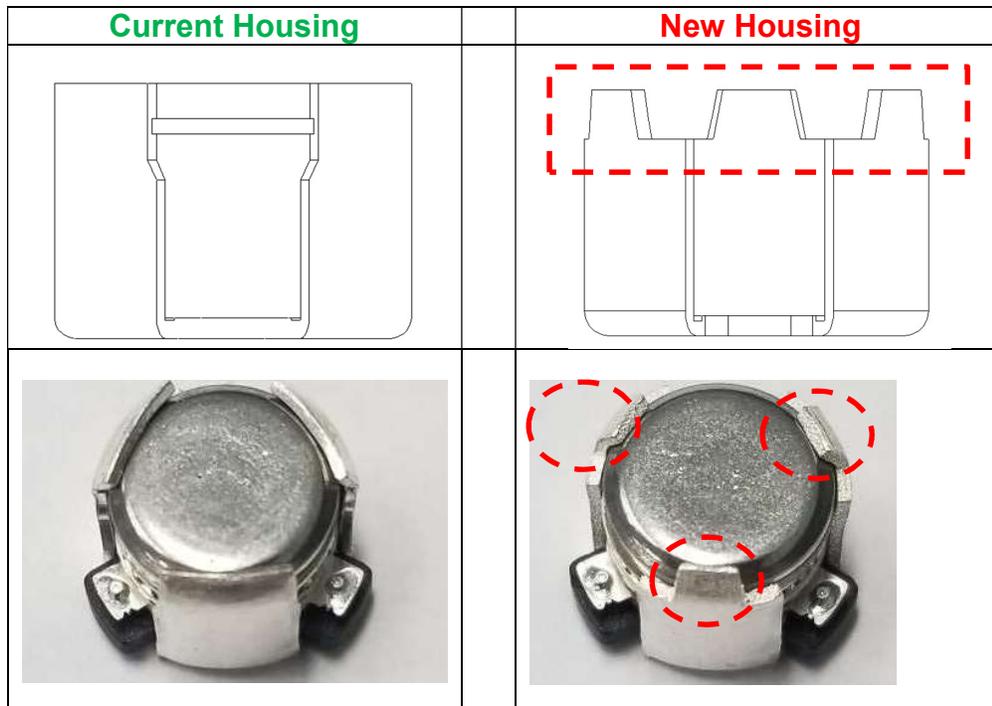
1. PRODUCT EFFECTED:

See following list of 7mm Circulators :

Part Number	Frequency Band	Part Number	Frequency Band
SKYFR-001657	3400MHz-3600MHz	SKYFR-002039	3400MHz-3600MHz
SKYFR-001747	3550MHz-3700MHz	SKYFR-002040	2496MHz-2690MHz
SKYFR-001748	3550MHz-3700MHz	SKYFR-002041	2496MHz-2690MHz
SKYFR-001756	3300MHz-3800MHz	SKYFR-002061	4.4GHz-5.0GHz
SKYFR-001822	3300MHz-3800MHz	SKYFR-002095	2496MHz-2690MHz
SKYFR-001823	3300MHz-3800MHz	SKYFR-002096	2300MHz-2400MHz
SKYFR-001891	2515MHz-2685MHz	SKYFR-002097	2300MHz-2400MHz
SKYFR-001924	3600MHz-3800MHz	SKYFR-002098	3700MHz-3980MHz
SKYFR-001925	3600MHz-3800MHz	SKYFR-002099	3700MHz-3980MHz
SKYFR-001971	3500MHz-3800MHz	SKYFR-002101	2496MHz-2690MHz
SKYFR-001972	3500MHz-3800MHz	SKYFR-002102	2515MHz-2685MHz
SKYFR-002036	5200MHz - 5500MHz	SKYFR-002118	2110MHz-2180MHz
SKYFR-002038	3400MHz-3600MHz	SKYFR-002125	1930MHz-1990MHz

2. PRODUCT CHANGE DESCRIPTION:

2.1. Skyworks shall change the shape of the top section of the product housing that is formed onto our product assembly. The width of the form section shall also be reduced as follows:



3. REASON FOR CHANGE:

3.1. Improve manufacturability and reduce the risk of cracking internal components.

4. QUALIFICATION OF CHANGE:

4.1. Skyworks swapped the housings on designs SKYFR-001657, SKYFR-001822, SKYFR-001924 and SKYFR-002102. There was no impact to form/fit/function or the yield of the design. Performance has been verified over temperature.

4.2. Skyworks has previously performed extensive reliability testing on a similar 10mm version of this housing per the following report. There were no issues.



10mm Clipped
Housing Reliability

5. IMPLEMENTATION DATE:

5.1. All shipments after Aug 1st 2021.

APPROVALS

Engineering Manager Mike Hill	Sales Don Carrick	Design Engineer Quick Qin	Quality Manager Danny Foley
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