

Honeywell International Inc.
Honeywell Aerospace Defense & Space
12001 Highway 55 N
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Date: 26 June 2014

Process/ Product Change Notification (PCN) #: 14-02

Title of PCN: HMC1041Z New Subcontractor Qualification

Product IDs affected: This notice is limited to the HMC1041Z single-axis magnetic compass with lot codes equal to or greater than 29 (Parts are marked as 41-29 where 29 is the lot code on these parts).

Reason For the Change: Honeywell has qualified a new subcontractor of this product.

Description of Change: The HMC1041Z form, fit and function will remain the same with the new subcontractor. The mold compound was updated from the previous product and the new product was qualified at MSL 3 with a maximum temperature of 250°C (previous parts were qualified at MSL 1 at 250°C maximum reflow temperature).

Projected timing of change and implementation date: Parts are qualified at the new subcontractor and will be available in production volumes in August, 2014.

Anticipated impact on Quality and Reliability: Honeywell anticipates no impact to the Quality or Reliability of the HMC1041Z product. Please consult the updated product datasheet and applications engineering support with any additional questions.

Qualification Status: Complete. Qualification efforts included MSL 3 at 250°C preconditioning and then Temperature Cycling, Low and High Temperature Storage as well as Unbiased 85°C/85% RH (Temperature/Humidity) testing.

Honeywell Contact (for further questions):

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