

Date of Notification	Change		Part Numbers Affected
January 9, 2020	<input type="checkbox"/> Major	<input checked="" type="checkbox"/> Minor	S2

Notification

<input type="checkbox"/> Product Obsolescence	<input type="checkbox"/> Product Marking	<input type="checkbox"/> Process Change	<input checked="" type="checkbox"/> Design Change
<input type="checkbox"/> Material Change	<input type="checkbox"/> Specification Change	<input type="checkbox"/> Component Change	<input type="checkbox"/> Other

Notification Description (Including Extent, Purpose / Reason, and Effect on Form, Fit and Function)

Mold Update

As part of our ongoing continuous improvement efforts, and in order to enhance the appearance of the S2 product line, US Digital is implementing a redesign of the plastic housing components. The design changes are primarily an alteration of surface drafts and orientation of the housing components relative to each other. The new housing is dimensionally equivalent without any impact to form, fit or function within the envelope of the previous design.

Design Changes:

The draft parting line direction of the housing has been moved from the top surface to the bottom of the encoder, resulting in a slight change in the taper of the housing when viewed from the side. The comparison images below illustrate the differences.

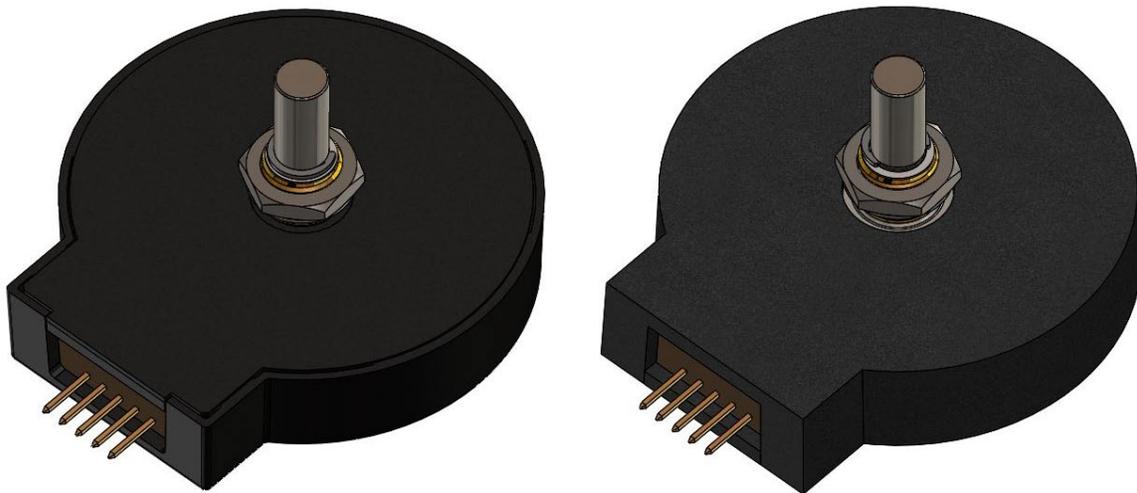


Figure 1, Side by side comparison of new S2 housing (left) and previous design (right)



Figure 2, Front view of new S2 housing (left) and previous design (right)

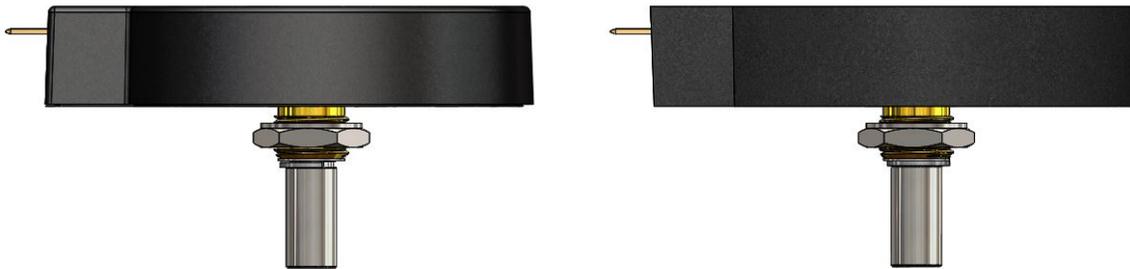


Figure 3, Side view of new S2 housing (left) and previous design (right)

As mentioned, the overall dimensions of the encoder envelope remain the same, and no change to the form, fit or function of the assembly has been made.

If you have any questions or concerns about this PCN, please contact our Technical Support Group at 360-397-9999 or email support@usdigital.com.

Alternate Parts (as applicable)

Effective Date (Including Last Time Buy Date and Conditions, as applicable)

This change is being implement for all shipments on or after January 27, 2020.