



# QR18: PRODUCT CHANGE NOTICE

This document shall be issued upon changes to the design of a GCT Product.  
It shall be distributed to all Interested Parties and shall be made available on the GCT Website.

<b>Date of Notice:</b> (DD/MM/YYYY)	7 <sup>th</sup> May 2021	<b>Product Change Notice Number:</b>	USB4105 B PCN 20210607b
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<b>Product Identifier:</b>	USB4105-GF-A
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<b>Drawing Revision Letter:</b>	B	<b>Proposed First Ship Date:</b>	Due to changes being necessary for production and having no impact upon customer use of the product, new version products will be supplied from the date of this notice, unless customer instructs otherwise.  First batch date for Revision B products shall be 210420-001 corresponding to 2116 in YYWW format.
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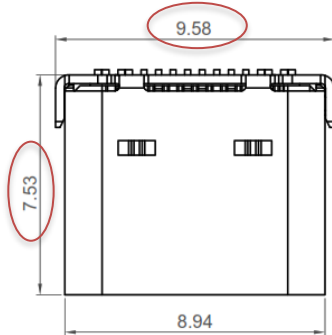
## REVISION OVERVIEW

### Revision Issues by Category:

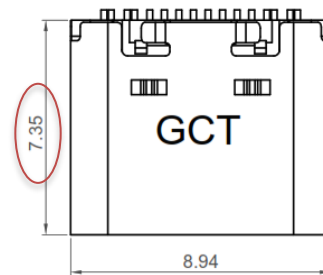
<b>FORM &amp; DIMENSIONS:</b> Form is generally the same. Dimensions vary in very small amounts, all within the tolerances of the existing version – see drawings below. GCT Logo has been added to Product Shell – see drawings below.	
<b>FOOTPRINT/LAYOUT:</b>	NO CHANGE
<b>FIT/MATING:</b>	NO CHANGE
<b>FUNCTION:</b>	NO CHANGE
<b>ELECTRICAL:</b>	NO CHANGE
<b>PLATING:</b>	NO CHANGE
<b>MATERIALS:</b>	NO CHANGE
<b>DURABILITY &amp; FORCES:</b>	NO CHANGE
<b>PACKAGING:</b> Change of orientation of the product in the product packaging (reel): Turned through 90° on horizontal plane. See diagrams below.	
<b>USE OF PICK &amp; PLACE EQUIPMENT:</b> NO CHANGE. (However see note on Packaging above).	
<b>AVAILABILITY/OPTIONS/VARIANTS:</b>	NO CHANGE
<b>ENVIRONMENTAL/TEMPERATURE:</b>	NO CHANGE
<b>CERTIFICATIONS:</b>	NO CHANGE
<b>OTHER:</b>	NO CHANGE

**Description of Changes:** with diagrams if relevant

**Rev A3**

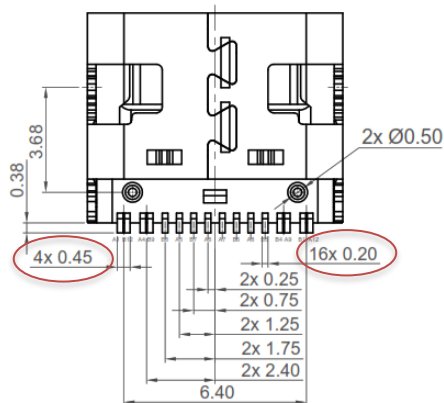
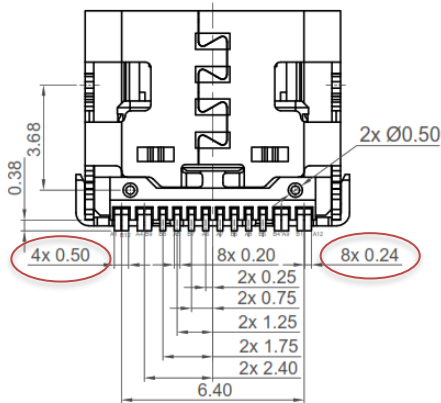


**Rev B**

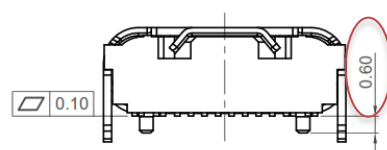
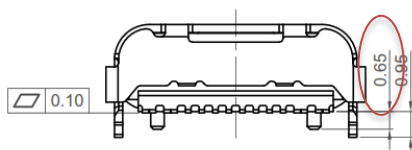
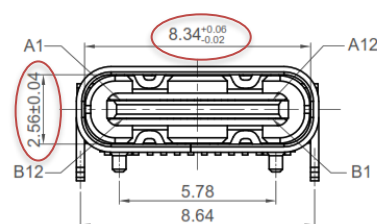
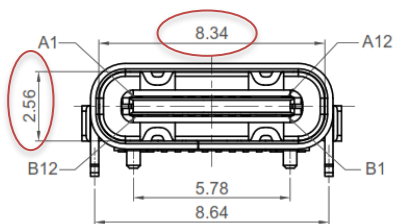


Add GCT logo to the shell.

Rear flap replaced with tangs to retain the insulator, reducing the effective width from 9.58mm to 8.94mm & total length from 7.53mm to 7.35mm.

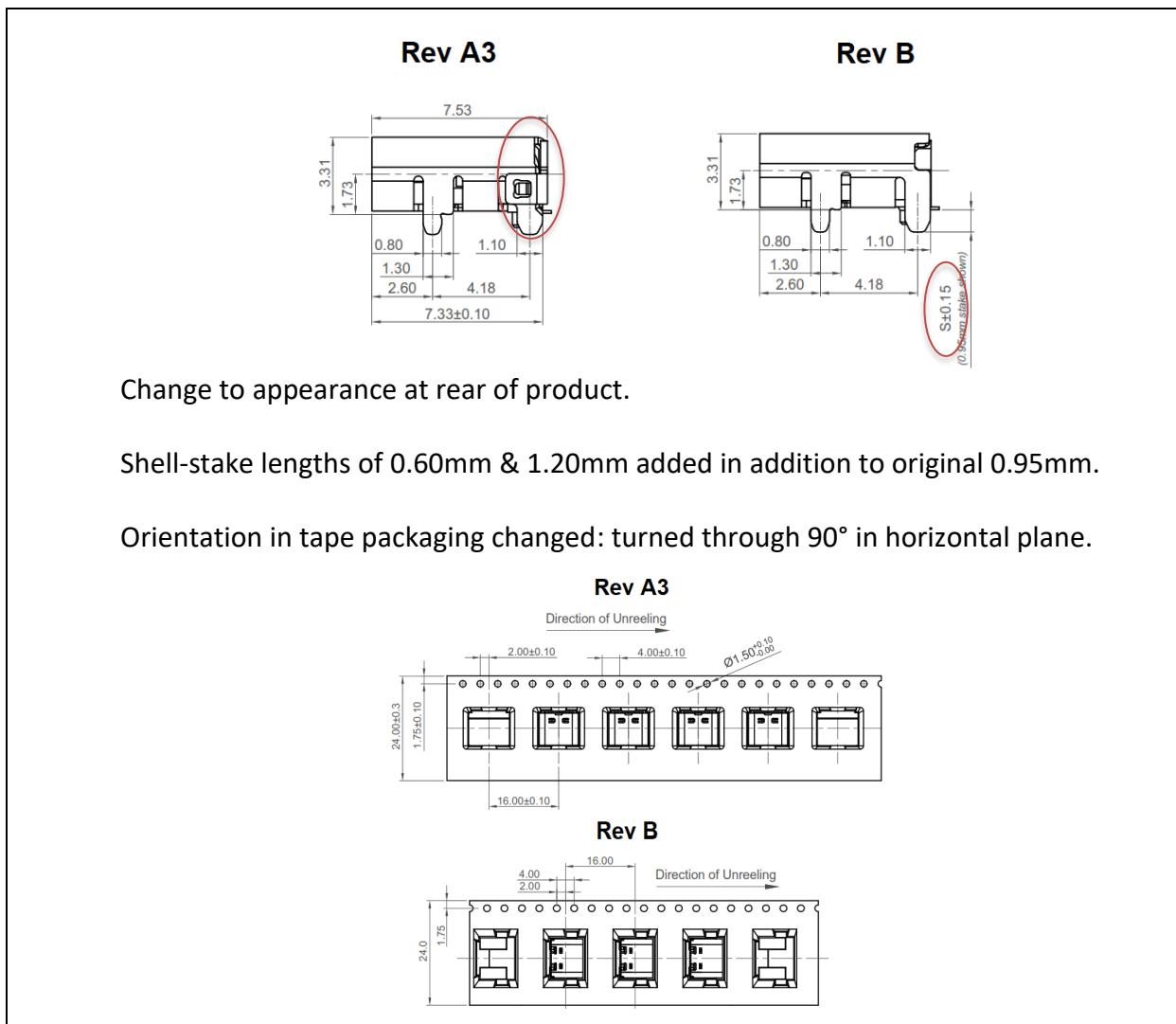


Contact widths changed from 0.24mm to 0.2mm & 0.5mm to 0.45mm.



Tolerances added to mating faces.

Location peg changed from 0.65mm to 0.6mm.



Change to appearance at rear of product.

Shell-stake lengths of 0.60mm & 1.20mm added in addition to original 0.95mm.

Orientation in tape packaging changed: turned through 90° in horizontal plane.

**Reason for Change:**

Improve production ability of the part, add additional shell stake lengths & GCT branding.

**Anticipated Impact on Form, Fit, Function, Reliability or Revision to Material Declaration:**

None.

**Details of Ongoing Availability of Existing Version of Product:**

The Rev A3 part will no longer be available as a standard part.

**Details of Availability of Samples of Revised Product and Supporting Documentation:**

Verification samples will be available on request.

**Required Inventory Action:**

Running Change, use old products first.

*In compliance with JEDEC Standard J-STD-046 Clause 3.2.3, the Customer has 30 days from date of receipt of this notification in which to acknowledge this notification, and in which to raise any concerns (Clause 3.2.3.1a).*

*Lack of acknowledgement of the PCN within 30 days of receipt constitutes acceptance of the change (Clause 3.2.3.1b)).*

**Contact Information(s):** (if blank, please visit [www.gct.co](http://www.gct.co) or use the regional details below).

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