

Product Change Notice (PCN)

Subject: Carrier Tape dimension change for the listed Renesas WLCSP Packaged Products

Publication Date: 10/1/2020

Effective Date: 12/30/2020

Revision Description:

Initial Release

Description of Change:

Carrier Tape dimension change for the listed Renesas WLCSP Packaged Products

Affected Product List (8mm Carrier Tape)

ISL9120IIAZ-T
ISL9120IIAZ-T7A
ISL9120IIAZ-TS2720
ISL9120IIAZ-TS2780
ISL9120IINZ-T
ISL9120IINZ-T7A
ISL9120IINZ-TS2720

Reason for Change:

This notice is to inform you that Renesas will begin to use the new Carrier Tape for tape and reel packing of the listed Renesas WLCSP (Wafer Level Chip Scale Package) packaged products. The changes are not expected to affect the automated pick and place equipment used for board mount assembly operations. The differences are outlined in Appendix A.

Impact on fit, form, function, quality & reliability:

The change will have no impact on the form, fit, function, quality, device marking (branding), POD (Package Outline Drawing) or labeling of the product shipments. The remainder of the manufacturing operation (package level electrical testing, etc...) will continue to be processed to previously established conditions and systems.

Product Identification:

Product affected by this change is identifiable via Renesas's internal traceability system.

Qualification status: Completed
Sample availability: 11/2/2020
Device material declaration: Available upon request

Note : Sample is available 11/02/2020 onwards, and subject to availability. Customer may expect 1 – 2 months for sample replenishment.

Questions or requests pertaining to this change notice, including additional data or samples, must be sent to Renesas within 30 days of the publication date.

For additional information regarding this notice, please contact your regional change coordinator (below)			
Americas: PCN-US@RENEASAS.COM	Europe: PCN-EU@RENEASAS.COM	Japan: PCN-JP@RENEASAS.COM	Asia Pac: PCN-APAC@RENEASAS.COM

Appendix A – Comparison of Carrier Tape Dimension

Side view

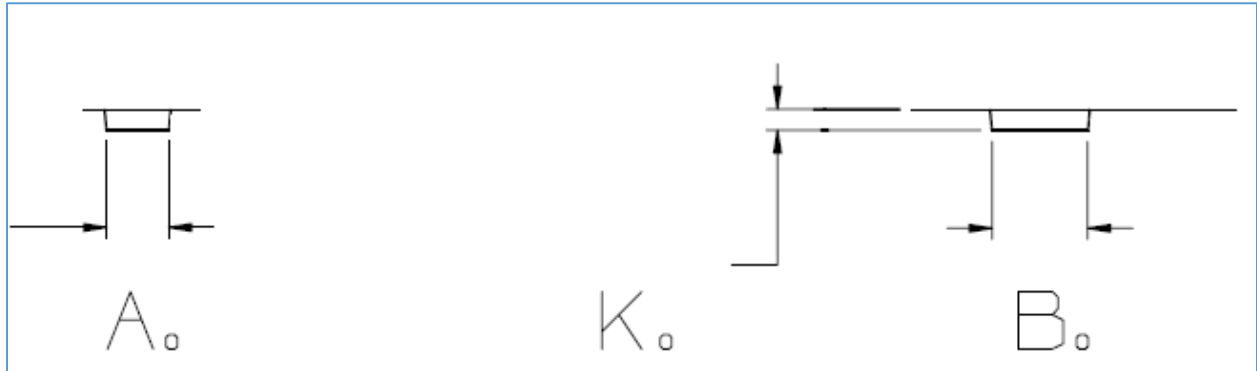


Table 1 :- 8mm carrier tape

Details	Existing Carrier Tape	New Carrier Tape	Summary
Width of pocket, A_o	1.51 ± 0.05 mm	1.50 ± 0.05 mm	Smaller
Length of pocket, B_o	1.51 ± 0.05 mm	1.50 ± 0.05 mm	Smaller
Depth of pocket, K_o	0.77 ± 0.05 mm	0.80 ± 0.05 mm	Larger