

June 14, 2013

PRODUT CHANGE NOTICE

PCN #: 06133-ECX-71

Description and Purpose of Change: Product Tape and Reel Changes to streamline packaging migrate to 180 mm reel.

Products Affected:

ECS Model Number	ECS Part Number	Description
ECX-71	ECS-.327-12.5-38-TR ECS-.327-7-38-TR	32.768 KHz SMD Crystal

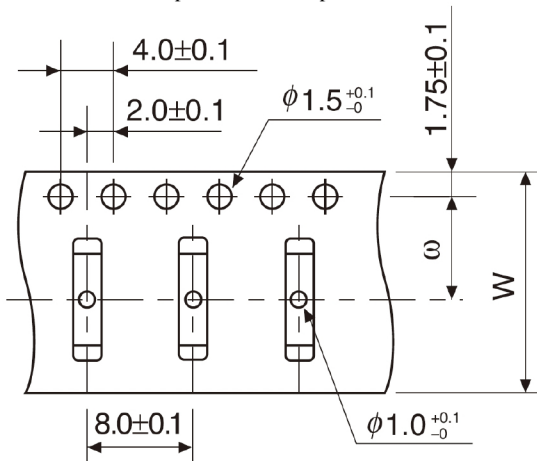
Reliability/Qualification Summary: There will be no impact to the Quality and Reliability

Detail of Change: We are changing the tape and reel specification for the ECX-71 as follows:

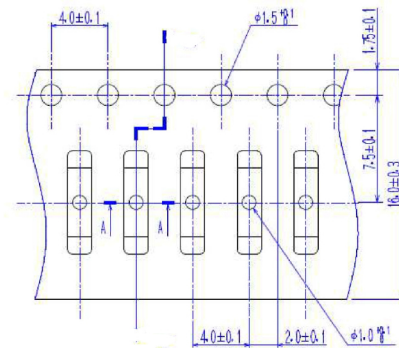
	Old Spec	New Spec
Pitch of Product (P1)	8.0 ±0.1 mm	4.0 ±0.01 mm
Reel Diameter	330 mm	180 mm

Date Effective: June 17, 2013

Illustration of Old Spec and New Spec.



Old Spec, 8 mm Pitch



New Spec, 4 mm Pitch

We thank you for your understanding and patience during this process. If you have question or need technical support please direct your inquires to ECS Technical support engineering@ecsxtal.com

Respectfully

Dan Kelly/Director of Engineering

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