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May 6, 2020

**PRODUT CHANGE NOTICE**

**PCN #: 05060-ZTA-ZTT**

**Description and Purpose of Change:** Due to continuous declining demand of the thru-hole type ceramic resonators worldwide, we can no longer sustain our production lines. The production of MHz thru-hole creaming resonators will be terminated within the year of 2020. Unfortunately, there is not a direct replacement for the thru-hole part, alternative part would be a SMD resonator so please place a Last Time Buy prior to the end of the year.

**Products Affected:**

ECS Model Number	ECS Standard Part Numbers	
ZTA Series	ZTA-2.00MG	ZTA-8.00MT
	ZTA-3.58MG	ZTA-10.00MT
	ZTA-3.68MG	ZTA-12.00MT
	ZTA-4.00MG	ZTA-16.00MX
	ZTA-4.19MG	ZTA-20.00MX
	ZTA-6.00MG	

ECS Model Number	ECS Standard Part Numbers	
ZTT Series	ZTT-2.00MG	ZTT-7.37MT
	ZTT-3.58MG	ZTT-8.00MT
	ZTT-3.68MG	ZTT-10.00MT
	ZTT-4.00MG	ZTT-12.00MT
	ZTT-4.19MG	ZTT-16.00MX
	ZTT-6.00MG	ZTT-20.00MX

**Product Withdrawal Schedule:**

Last Time Order Due (\*): 12/31/2020

Last Shipment Date: Finalized per Discussion with Customer

\*Last Time Order is subject to Minimum Order Quantity and would be considered Non-Cancellable/Non-Returnable.

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

**Electrical Summary:** There are not electrical changes.

We thank you for your understanding and patience during this process. If you have questions please contact your ECS Sales, Representative or Distributor in your area.

Dan Kelly  
 VP of Engineering  
 ECS Inc. International