

PRODUCT CHANGE NOTIFICATION COVERSHEET

CTS Part Number: Models 580 and 581

Product Description: Temperature Compensated
Crystal Oscillator [TCXO]

Customer: Various

Customer Part Number: Various



Change Notification Only - No Customer Response Required



Customer Authorization Required - Please Confirm Acceptance by E-Mail

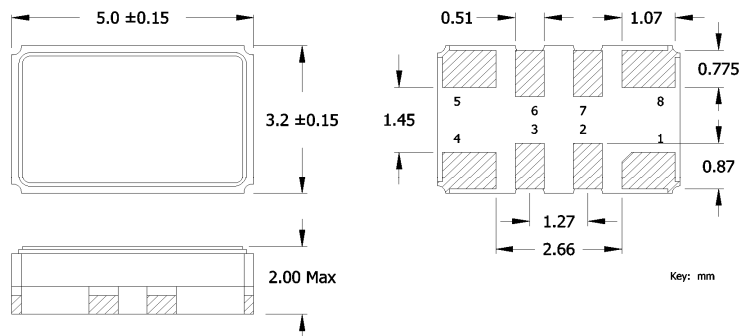
Reason for PCN: Change notification for new part number format.

Description for Change: As TCXO IC supplier Asahi Kasei Microdevices [AKM] recovers from a factory fire in Q4 2020 CTS is using this situation as an opportunity to update models to better align with performance parameters that will be available and upgrade data sheet formats. Listed below are changes affecting identified models.

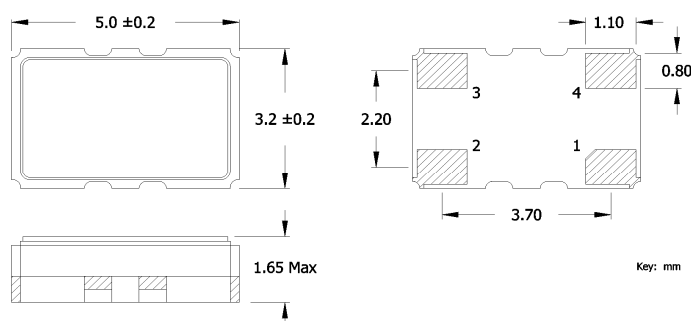
Package Configuration Change

The package for models 580 and 581 will change from a 4-pad bottom configuration to an 8-pad bottom configuration. This change will allow CTS to offer an Output Enable function, previously not offered. This change does not change form-fit-function, as current customer layouts configured for 4-pad packages should be able to accept the 8-pad package.

Change To - 8-Pad Package Configuration



Change From - 4-Pad Package Configuration



Frequency Range Change

The frequency range changes from 5MHz - 52MHz to 10MHz - 52MHz.

Change Instructions: Distribution of this PCN will be managed by CTS Customer Service; through all customer portals currently on file with CTS, all CTS Distributors and contract manufacturers [CMs].

Implementation Date: 12/20/2021

Product Disposition: These product changes should not affect form-fit-function of device. Current 4-pad inventories at customers, CMs or CTS Distributors; finished goods stock at factory or product in transit are not affected by this change. Previous data sheet revisions will govern these cases.

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CTS Approvals: CTS internal PCN w/ electronic signatures.

PLATFORMS AND PART NUMBERS AFFECTED

CTS Part Number - Model 580

580
580L400X2ITT
580L50005ITT
580L500X2ITT

CTS Part Number - Model 581

581
581L10005IAT
581L128X2ITT
581L19202IAT
581L19202ITT
581L192X2ITT
581L200X2ITT
581L25005ITT
581L307X2ITT
581L400X2CTT
581L400X2DTT
581R40020DTT