



**PRODUCT / PROCESS CHANGE NOTIFICATION**

**PCN Number : 10400**

<b>Product - Change Information</b>	<b>Customer Name:</b> Various <b>Date:</b> 9/28/2018
	<b>Customer Part Number:</b> Various
	<b>Product Type (Model):</b> PTXA Series Surface Mount Crystal Units
	<b>Detailed Description of Changes:</b> The base insulator and lead frame will be made by a different supplier than the supplier that has been providing the bases for these crystals. The plating on the lead frames, including the terminations, will now be silver, rather than tin as it has been.
	<b>Reason for Changes:</b> The supplier that made the base insulators previously, discontinued making them.
	<b>Anticipated Impact on Quality and Reliability:</b> None.
	<b>Qualification Plan:</b> MtronPTI will perform qualification testing on samples made with the new bases, including the mechanical shock, vibration, and thermal cycle tests that are stated on the MtronPTI PTX series datasheet. Solderability testing will also be done in accordance with J-STD-002 Cond C.
	<b>Projected Timing of Change and Implementation Date:</b> The change will be made on a running basis.
<b>Last Buy Date:</b> Not applicable <b>Last Delivery Date:</b> Not applicable	
<b>MtronPTI Approval</b>	<b>Originated By:</b> _____ D. C. Olson <b>Date:</b> 9/27/2018
	<b>Product Engineering:</b> _____ D. C. Olson <b>Date:</b> 9/27/2018
	<b>Application Engineering:</b> _____ <i>Mel Mehret</i> <b>Date:</b> 9/27/2018
	<b>Sales Designate:</b> _____ Paul Dechen <b>Date:</b> 9/27/2018
	<b>Operations:</b> _____ Gary Archibald <b>Date:</b> 9/28/2018
	<b>Quality Assurance:</b> _____ Jim Sprague <b>Date:</b> 10/3/2018
<b>Customer</b>	<b>Customer Acknowledgment:</b> If MtronPTI does not receive acknowledgement within 30 days of this notice it will be assumed that this change has been accepted by the customer.
	<b>Signature:</b> _____ <b>Title:</b> _____ <b>Date:</b> _____
	<b>Customer Comments:</b> _____ _____
<p><i>Please return signed document to:</i>  <b>MtronPTI, 1703 E Hwy 50, Yankton, SD, 57078 or email to <a href="mailto:pcn@mtronpti.com">pcn@mtronpti.com</a></b></p>	



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<b>Additional Part Number Information</b>	<b>Customer Name: Various</b>			<b>Date: 9/28/2018</b>		
	<b>Part numbers purchased in the past 24 months, along with backlog, which would be affected by this PCN:</b>					
	<b>Customer PN</b>		<b>MtronPTI PN</b>		<b>Frequency</b>	
	MtronPTI Catalog Item PTXA2MMS-R		5011-301-R		ALL	
	MtronPTI Catalog Item PTXA2JM-R		5011-292-R		ALL	
	MtronPTI Catalog Item PTXA2JM		PTXA2JM		ALL	