

ECN/PCN No.: 4727

For Manufacturer					
<b>Product Description:</b> PLASTIC PACKAGE ULTRA MINIATURE PURE SILICON™ CLOCK OSCILLATORS		<b>Abraccon Part Number / Part Series:</b> ASEMP		<input type="checkbox"/> Documentation only	<input checked="" type="checkbox"/> Series
<b>Affected Revision:</b> J		<b>New Revision:</b> K		<input checked="" type="checkbox"/> ECN	<input type="checkbox"/> Part Number
				<input type="checkbox"/> EOL	<input checked="" type="checkbox"/> Non-Safety
				<b>Application:</b>	

## Prior to Change:

Enable Time:

Enable Time			20	ns	STD (Tri-state)
			5	ms	PD option (Power Down)

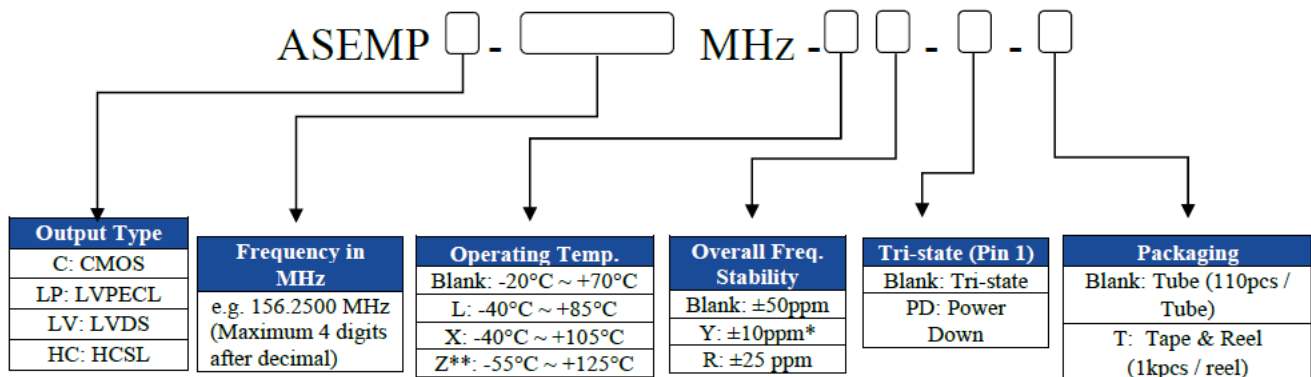
Disable Current:

Disable Current		20	22	mA	STD (Tri-state)
			0.095		PD option (Power Down)

Tri-state Function:

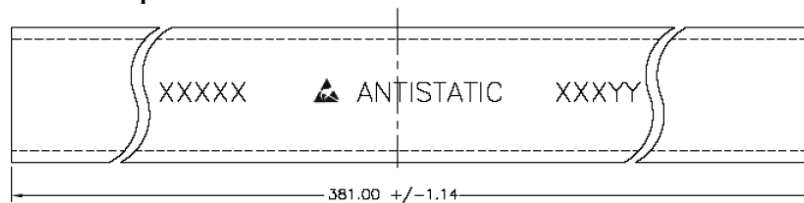
Tri-state Function (Standby/Disable)	"1" ( $V_{IH} \geq 0.75 \cdot V_{DD}$ ) or Open: Oscillation "0" ( $V_{IL} < 0.25 \cdot V_{DD}$ ): Hi Z	V	40kΩ pull-up resistor embedded
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Part Numbering Guide:

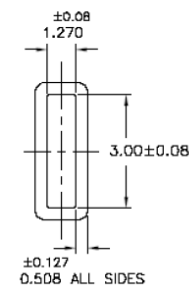


Tape and reel:

**Tube: 110 pcs/tube**



**Unit orientation in tube:**



## After Change:

Enable Time: Removed power down function.

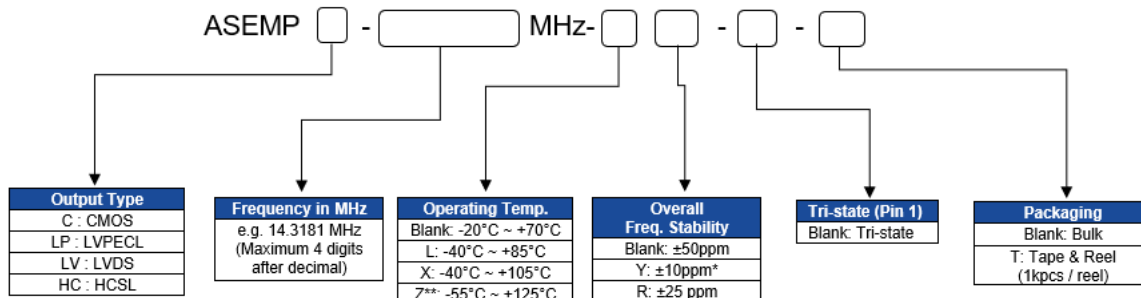
Enable Time			20	ns	STD (Tri-state)
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Disable Current: Removed power down function.

Disable Current		20	22	mA	STD (Tri-state)
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**Tri-state Function:**

Tri-state Function (Enable/Disable)	"1" ( $V_{IH} \geq 0.75 \cdot V_{dd}$ ) or Open: Oscillation "0" ( $V_{IL} < 0.25 \cdot V_{dd}$ ) : Hi Z	V	40kΩ pull-up resistor embedded
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**Part Numbering Guide: (Replaced tube with bulk and removed power down function)**


Tape and Reel: Removed tube option

**Cause/Reason for Change:**

Removed blank = tube option. Removed power down function.

## Change Plan

<b>Effective Date:</b> 1/15/2025	<b>Additional Remarks:</b>
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**Change Declaration:**

No changes to electrical or mechanical specifications.

<b>Issued Date:</b> 1/15/2025	<b>Issued By:</b> Arturo Longoria	<b>Issued Department:</b> Engineering
<b>Approval:</b> Thomas Culhane Engineering Director	<b>Approval:</b> Reuben Quintanilla Quality Director	<b>Approval:</b> Ying Huang Purchasing Director

## For Abracon EOL only

<b>Last Time Buy (if applicable):</b> N/A		<b>Alternate Part Number / Part Series:</b> N/A	
<b>Additional Approval:</b>	<b>Additional Approval:</b>	<b>Additional Approval:</b>	

## Customer Approval (If Applicable)

**Qualification Status:**
☐ Approved ☐ Not accepted

Note: It is considered approved if there is no feedback from the customer 1 month after ECN/PCN is released.

Customer Part Number:		Customer Project:	
Company Name:	Company Representative:		Representative Signature:

Customer Remarks