

ECN/PCN No.: 3656

For Manufacturer

Product Description: 32.768kHz SMD Low Profile Crystal	Abracon Part Number / Part Series: ABS07-120-32.768kHz-T	<input type="checkbox"/> Series <input checked="" type="checkbox"/> Part Number
Affected Revision: D	New Revision: E	Application: <input type="checkbox"/> Safety <input checked="" type="checkbox"/> Non-Safety

Prior to and After Change:

Electrical Specifications

Parameter	Min.	Typ.	Max	Units	
Temperature Coefficient	-0.045	-0.035	-0.025	ppm/T ²	Before
	-0.045	-0.035		ppm/T ²	After

Parameter	Min.	Typ.	Max	Units	
Shunt capacitance (C0)		1.1		pF	Before
			1.60	pF	After

Parameter	Min.	Typ.	Max	Units	
Motional capacitance (Cm)		4.7		fF	Before
		3.0 ~ 6.0		fF	After

Cause/Reason for Change:

Abracon introduced additional manufacturing sources to ensure product availability and to be in a better position to meet long term customer demand. Updated electrical specifications to reflect the product produced by all manufacturing sources.

Change Plan

Effective Date: 09/11/2020	Additional Remarks:
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Change Declaration:
This statement addresses both the electrical changes and the addition of additional manufacturing lines.

Issued Date: 09/11/2020	Issued By: <i>Brooke Cushman</i>	Issued Department: Engineering
Approval: <i>Thomas Culhane</i> Engineering Director	Approval: <i>Reuben Quintanilla</i> Quality Director	Approval: <i>Ying Huang</i> Purchasing Director

For Abracon EOL only

Last Time Buy (if applicable):	Alternate Part Number / Part Series:
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Additional Approval:	Additional Approval:	Additional Approval:
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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: