Engineering/Process Change Notice

ECN/PCN No.: 3863

For Manufacturer		
Product Description: Clock Oscillator	**Abracon Part Number / Part Series:** O29M500000S001	☐ Documentation only ☐ Series ☐ ECN ☒ Part Number ☒ EOL
Affected Revision: A	**New Revision:** EOL	**Application:** ☐ Safety ☒ Non-Safety
Prior to Change: O29M500000S001 Rev. A (page 2)		
After Change: EOL		
Cause/Reason for Change: Discontinuation of this older product package type and associated manufacturing capability.		

Change Plan		
Effective Date: 06/24/2021	**Additional Remarks:**	
Change Declaration:		
Issued Date: 06/24/2021	**Issued By:** *Stephanie Lopez*	**Issued Department:** Engineering
Approval: *Thomas Culhane* Engineering Director	**Approval:** *Reuben Quintanilla* Quality Director	**Approval:** *Ying Huang* Purchasing Director

For Abracon EOL only	
Last Time Buy (if applicable): None	**Alternate Part Number / Part Series:** None
Additional Approval:	**Additional Approval:**
Additional Approval:	

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:		

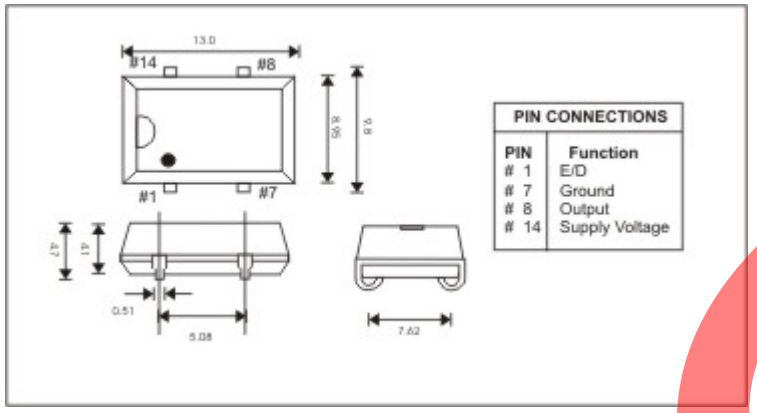
ABRACON Ecliptek FOX ILSI MMD OSCILENT

Specification Control Drawing

Clock Oscillator

Frequency

29.5MHz



Package Type	14x9 SMD 4 Pad
Overall Stability (ppm)	±100 PPM
Operating Temp. Range	-10°C to +70°C
Storage Temperature Range	-55C + 125C
Input Voltage (V DD)	5V DC
Max Input Current (mA)	23.00mA
Output Waveform	TTL/CMOS
0 Level	0.5V / 10% Vdd
1 Level	2.4V / 90% Vdd
Symmetry	45/55
Output Load	1-10 LSTTL/50pF
Rise Fall Time (ns)	10.00ns
Startup Time (ms)	10.00ms
Enable Disable Function	Tri-State

EOL

+44 (0)1293 789200 www.aelcrystals.co.uk
28 The IO Centre

Marking Instruction	AEL4510CS/29.5/WW/YY
Frequency	29.500000

Amdt. Date	Change Note	AEL Code	
		O29M500000S001	
		Issue Ref	A

EOL

+44 (0)1293 789200 www.aelcrystals.co.uk
28 The IO Centre