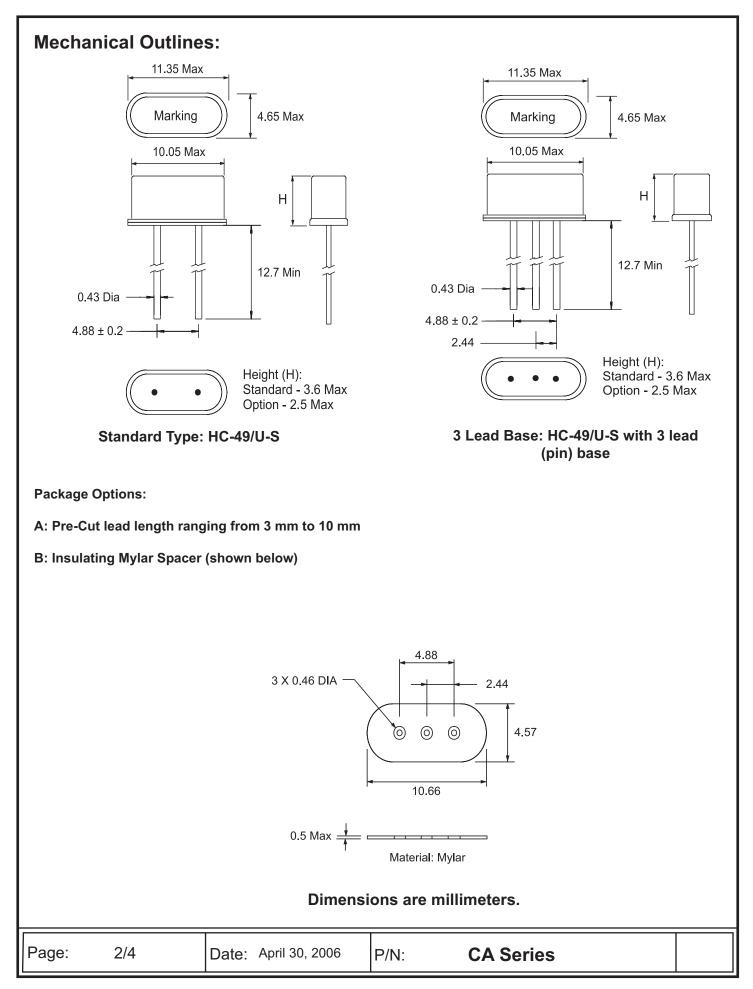
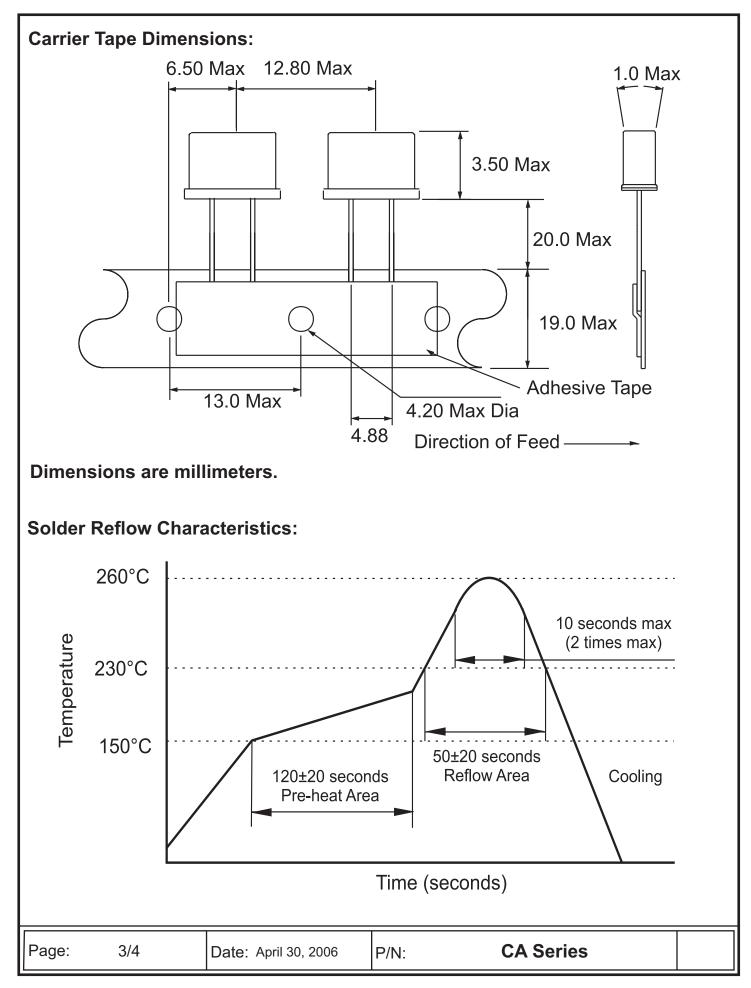
		ī						1	
Balle Compliant	Ltr				Revisions		Date	Ар	pr
RoHS Compliant Pb - Lead Free									
						İ			
Electrical Specifica	ations:					I		1	
Frequency Range					3.200 to 70.000		MHz		I
		Fu	Indame	ntal	3.200 to 32.768				1
Mode of Oscillation		Thir	d Overto	one	24.576 to 70.000		MHZ		1
			Stand	ard	±30				1
					±25				1
Frequency Tolerance	at 25°C		Optio	nal	±20		PPM M	ax	1
			Optio	mai	±15				1
					±10				1
			Stand	ard	±50				1
					±30				1
Frequency Stability or	ver				±25		PPM M	ax	1
Temperature Range			Optio	onal	±20				1
					±15				1
					±10				1
Operating Temperatur	re Range		Stand		-20 to +70				1
			Extend	ded	-40 to +85		° C		1
Storage Temperature	Range				-55 to +125				1
Aging					±5 first year		PPM Max	/Year	1
Load Capacitance					±3 thereafter 10 to 32 and Series Resonan		۳Ē		1
Shunt Capacitance					7.0	ice	pF pF Ma	v	1
Equivalent Series Res	istance (F	SR)			See ESR Table		Ohms		1
Drive Level					1.0		mW Ma		1
Insulation Resistance					500 at at 100 Vdc ± 15 Vdc		M Ohr		1
Frequency Range v		عميراد/							
Frequency Range in I		Ohms			Mode of Operation				
3.200 to 3.500		300			Fundamental				
3.510 to 3.999		200			Fundamental				
4.000 to 5.999		120			Fundamental				
6.000 to 7.999		80			Fundamental				
8.000 to 9.999		60			Fundamental				
10.000 to 15.999 16.000 to 32.768	<u> </u>	<u>50</u> 40			Fundamental Fundamental				
24.576 to 70.000		80		Fur	ndamental-Third Overtone				
	<u>_</u>		I						
N KE	R		Spec	(ation Title: Quartz Crystal _eaded Package				
11-3 Chien-Kuo Rd T.E.P.Z. 40					HC-49/U-S Short Package				
All dimensions are 1	millimeter	S.			General Product Specifica	tion			
CAD: TCR									
Review: EG									-
Appr: JL Bago: 1/4 Date:	April 20. 0	006	Part N	Vun	nber: CA Series				
Page: 1/4 Date:	April 30, 20	000							



www.aker-usa.com



www.aker-usa.com

Series		С	Parameter
Package		Α	HC-49/U-S
Frequency		- 3.200 to 70.000	MHz
		- 10	10 pF
	Ē	12	12 pF
	Ē	16	16 pF
Load Ca	pacitance	18	18 pF
	· [20	20 pF
	F	32	32 pF
		S	Series
	Standard		±30 PPM
	Stanuaru	25	±25 PPM
requency Tolerance		20	±20 PPM
requeitcy rolerance	Option	15	± 15 PPM
	-	10	±10 PPM
	Standard	50	±50 PPM
	Stanuaru	30	±30 PPM ±30 PPM
	-	25	±25 PPM
Frequency Stability	Option	20	±23 PPM ±20 PPM
	Option	15	±15 PPM
		10	±10 PPM
		10	TOFFIN
Mada of (Desillation	See Notes	Fundamental
	Dscillation	3	Third Overtone
	Standard	- See Notes	-20 to +70 °C
Temperature Range	Option	X	-40 to +85 °C
	Option	^	-40 10 +65 C
B H H H H	Standard	See Notes	3.6
Package Height	Option	25	2.5
	C ~ (- Cut Loads)	$x mm \pm 400/$
Baakaga Ontiana	UX (Cut Leads)	x mm ± 10%
Package Options		P	3 Lead (Pin) Base
	1	r	Mylar Spacer
	Standard	- See Notes	Bulk
Packaging	Option	R	Tape and Reel

CA-18.432-32-3030

CA-18.432-32-3030 CA: HC-49/U-S Leaded Package 18.432 MHz Nominal Frequency 32pF Load Capacitance 3030: ±30 PPM Tolerance and ±30 PPM Stability Fundamental Mode -20 to +70 ° C Temperature Range Standard Height - 3.6 mm

Notes:

1- Standard Temperature Range and Fundamental Mode do not need to be included in Part Number description.

2- Product is shipped bulk. 1000 pieces per box, 10 plastic bags containing 100 pieces.

4- Optional tape and reel packaging is available for 1000 pieces minimum.

5- Specification subject to change without notice.

|--|