

REVISIONS			
REV	DESCRIPTION	DATE	APPROVED

ELECTRICAL SPECIFICATIONS

Frequency: 32.768 KHz
 Frequency Tolerance @ +25°C: ± 5 ppm Max.
 Load Capacitance (CL): 12.5 pF
 Recommended Drive Level (DL): 1 μ W Max.
 Effective Series Resistance (R1): 35K Ω Max.
 Q-Factor: 70,000 typ.
 Turnover Temperature: +25°C \pm 5°C
 Temperature Coefficient: -0.040 ppm/°C² Max.
 Shunt Capacitance: 1.35 pF typical
 Capacitance Ration: 450 typical
 Operating Temperature: -10 to +60°C
 Storage Temperature: -40 to +85°C
 Insulation Resistance (DC 100V): 500M Ω Min.
 Aging (First Year): ± 3 ppm Max. @ +25°C \pm 3°C

DIMENSIONS (mm)

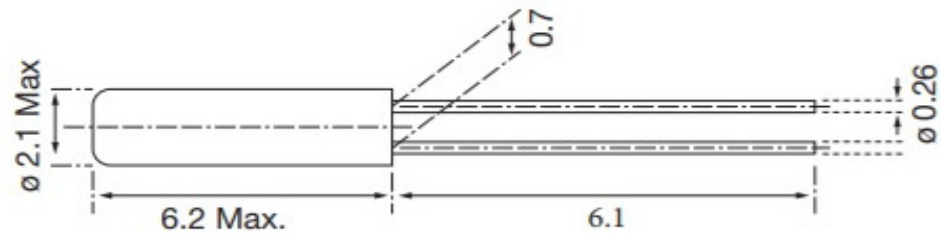


Figure1) Side view

ECS Part Number: ECS-.327-CDX-1038



SIGNATURES		DATE	TITLE 32.768 KHz Crystal, ECS-2x6X \pm5 ppm	
DRN	DK	5/22/2012		
CHK	BL	5/22/2012		
APP	BS	5/22/2012		
			SIZE A	DWG NO. ECS-.327-CDX-1038
Dimensions in mm		CAGE CODE: 1G8B7		REV -
				SHEET 1 OF 1

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Mouser Electronics

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