

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 µW Max.
 Effective Series Resistance (R1): 35K Ω Max.
 Q-Factor: 70,000 typ.
 Turnover Temperature: +25°C ±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 ±3°C

DIMENSIONS (mm)

Figure1) Side view

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

ECS INC. INTERNATIONAL 15351 W. 109th St Lenexa, KS 66219 (913) 782-7787			
SIGNATURES		DATE	TITLE
DRN DK		5/22/2012	32.768 KHz Crystal, ECS-2x6X ±5 ppm
CHK BL		5/22/2012	
APP BS		5/22/2012	
Dimensions in mm		CAGE CODE: 1G8B7	REV - SHEET 1 OF 1
