

| 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)

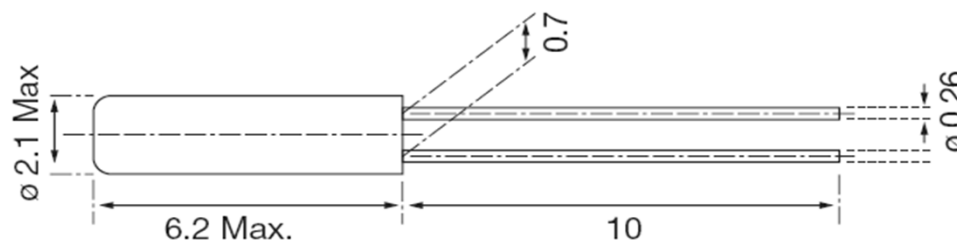


Figure1) Side view

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



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|---|---------------------------|--------------|
| ECS INC. INTERNATIONAL 1105 S. Ridgeview Olathe, KS 66062 (913) 782-7787 | | |
| TITLE 32.768 KHz Crystal, ECS-2x6X ±5 ppm | | |
| SIZE A | DWG NO. ECS-.327-CDX-1038 | REV - |
| CAGE CODE: 1G8B7 | | SHEET 1 OF 1 |

| SIGNATURES | DATE |
|-------------------------|-----------|
| DRN DK | 5/22/2012 |
| CHK BL | 5/22/2012 |
| APP BS | 5/22/2012 |
| Dimensions in mm | |