Charge converter CC701HT

SPECIFICATIONS

4 mV/pC
2.0 - 10,000 Hz
1.0 - 20,000 Hz
<1%
<1%
500 pF
5 V rms
e) 1,000 pF
100 µV
1.41 µV/√Hz
0.71 µV/√Hz
0.63 µV/√Hz
0.51 µV/√Hz
25 - 150 Ω
12 ±2 VDC
18 - 30 VDC
2 - 10 mA
–40° to +100°C
40 grams
stainless steel
Microdot 10-32

Notes: ¹ Measured with 500 pF input capacitance.

² For -3 dB point greater than 10 kHz/

³ To minimize the possibility of signal distortion when driving long cables with high vibration signals, 24 to 30 VDC powering is recommended. The higher level constant current source should be used when driving long cables.

Note: Due to continuous process improvement, specifications are subject to change without notice. This document is cleared for public release.

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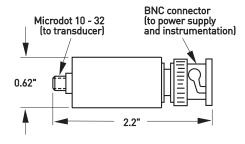
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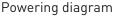


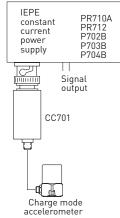


Key features

- Designed for use with high temperature, charge mode accelerometers
- Immune to cable motion noise
- Manufactured in ISO 9001 facility







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Amphenol: CC701HT