

ANC MODULE

Overview

Amphenol PCD ANC (Active Noise-Cancelling) Module is the latest ANC technology packaged in our most compact form factor ever. This gives designers the freedom to install the module in tight places such as under the monitor. Save weight and cost all while gaining improved ANC performance by switching Amphenol PCD ANC module. Supports ARINC A1, A2, B1, B2, C2 Modified, D2, MJ-Plug™ pin standards. Amphenol PCD ANC module is controlled by I2C interface and can be directly soldered to a PCB.

Features & Benefits

Latest generation digital ANC technology
Small and lightweight single PCB module
Designed for tight spaces such as under monitor peripheral bar
Supports ARINC A1, A2, B1, B2, C2 Modified, D2, MJ-Plug™
Digital noise cancelling control
Automatic A1 Switching
DO-160 compliant



Specifications

Electrical	
Input Voltage	5VDC \pm 10%
Current Consumption	TBD
Interface	I2C
Compatibility	
ARINC Connector Options	A1, A2, B1, B2, C2 Modified, D2, MJ-Plug™
Interface	I2C
Physical	
*Approximate Weight (grams)	4.0 oz. (113)
*Approximate Dimensions (mm)	20 X 20 X 4
Operating Temperature	
Upper Limit	+55C
Lower Limit	-15C