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Find the *GET Engineering 10075501-S-252-C* at our website: *Click HERE*



Ruggedized Conduction Cooled NTDS PMC Parallel

Specifications

GET Part #
10075501

NTDS Parallel Interface
MIL-STD-1397C Type A/B/C/H

Form Factor

Front I/O Standard Single CCPMC Card Module (74 mm x 144 mm)

Rear I/O Standard Single CCPMC Card Module (74 mm X 144 mm)

Bus Interface
IEEE 1386.1-2002 Standard for common mezzanine card family

Power Requirements
+5VDC @ 480mA

NTDS I/O connectors
Front Panel
120 pin Molex (Commercial)
MIL-DTL-32139 (Military)

Rear Panel (P4)
P4 I/O per ANSI/VITA-35-2001

Temperature Standard
0°C to 55°C

Extended Temperature
-40°C to 85°C

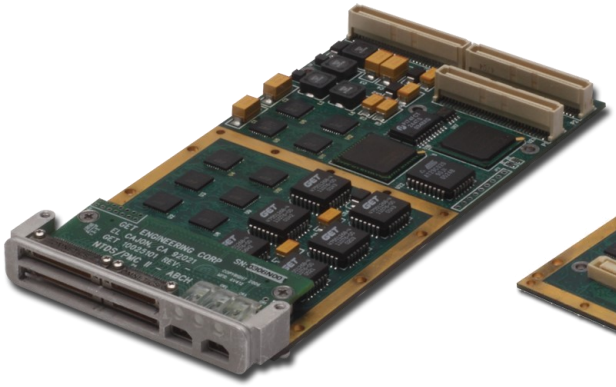
Configuration Options

Bus Interface Options
cPCI Carrier
PCI Carrier
PCIe Carrier

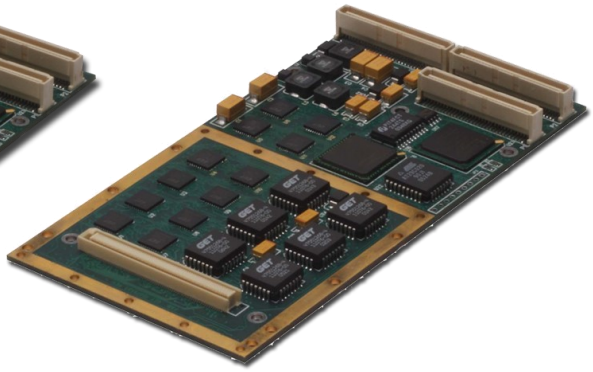
NTDS I/O Options
MIL-DTL-32139
120 pin Molex
Dual 80 pin Ribbon Cables

GET Engineering is proud to present its MIL-STD-1397 Parallel Interface Adapter fully compliant to the ANSI/VITA-20-2001 Conduction Cooled PMC Standard. This adapter provides an ultra-reliable MIL-STD-1397 Revision C Interface with the option of full Dual-Tap capability in a single card! All configuration parameters are accessible through a simple software user interface with FPGA controlled DMA channels for transmit and receive buffers to reduce host CPU overhead.

GET Engineering's NTDS Parallel card is available in either commercial or extended temperature ranges with an option for either Commercial Front Panel (120 pin Molex), Military Front Panel (MIL-DTL-32139) or Rear (P4) I/O (16 bit only). The software included with this adapter provides the user with an operating system independent API enabling easy migration from one operating system to another; for example, from Windows to Linux.



PN 10075501-S-251-C
NTDS I/O -MIL-DTL 32139

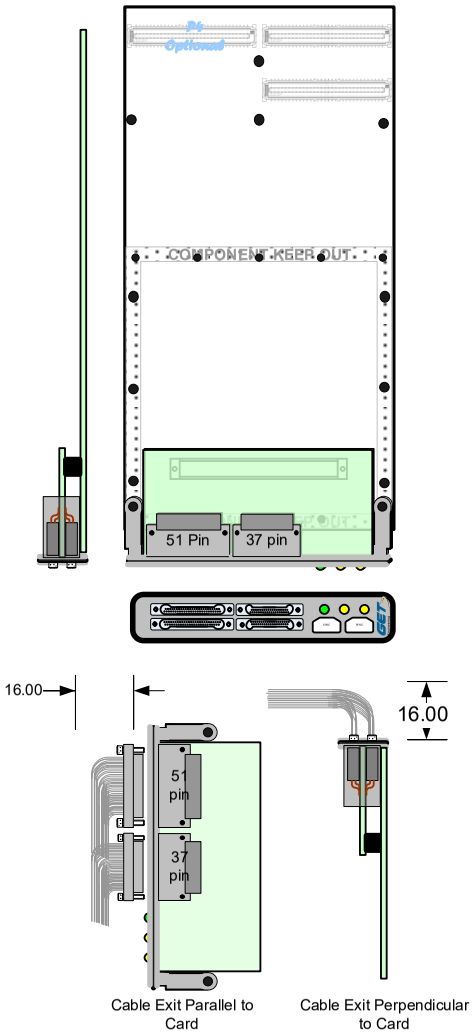


PN 10075501-S-RP-C
16 Bit Rear I/O (P4)

9350 Bond Avenue • El Cajon, CA 92021 • Tel: 619.443.8295 • Fax: 619.443.8613 • www.getntds.com

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No Transition Module w/MIL-DTL-32139

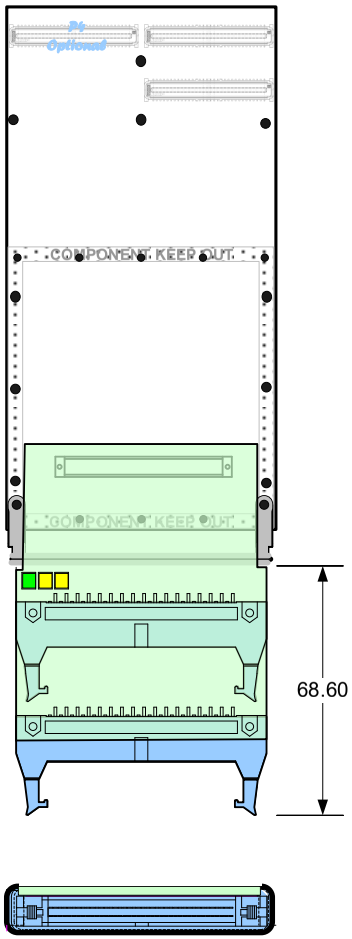


Note:

51 pin connector contains 16 bit data and Handshake signals
37 Pin connector contains upper 16 bit data

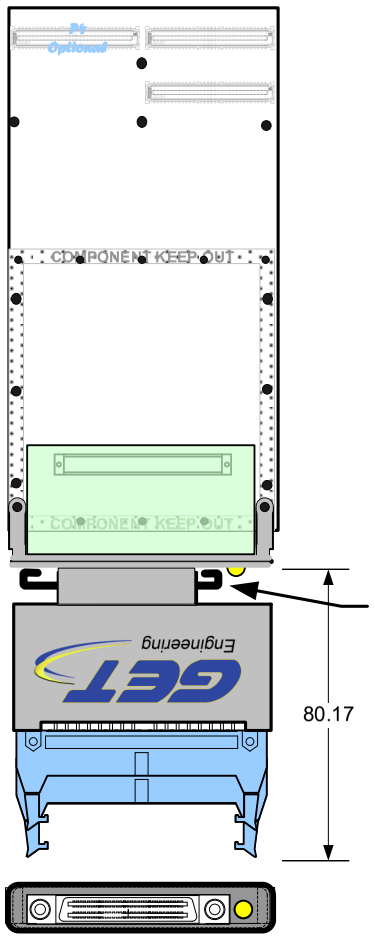
10075501-S-250-C

Dual 80 pin Ribbon Cables



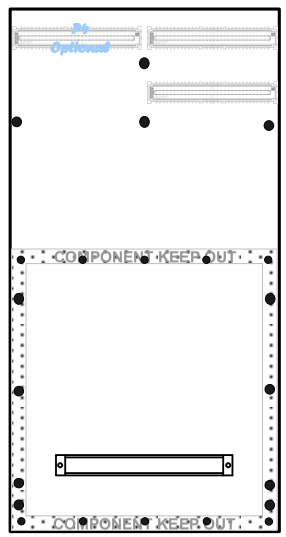
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Legacy 10070501 120 pin Molex



10075501

Rear Panel (P4) 16 Bit Only



Proprietary and Confidential

All Dimensions in Millimeters

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Drawn: Tony Bowers

Date: September 28, 2006

GET Engineering Corporation

10075501 NTDS Parallel PMC Card Interconnect Options

SIZE	FSCM NO	DWG NO	REV
	6V412		X2

Scale: 1:2

SHEET 1 OF 1

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