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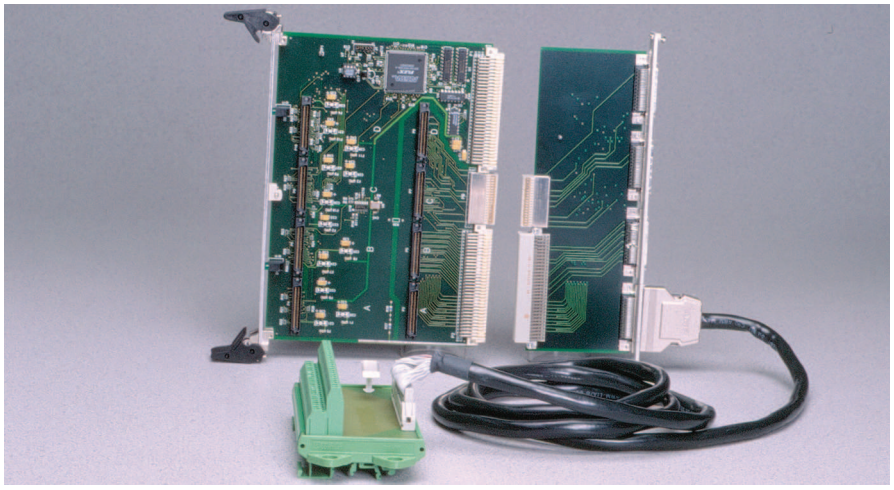
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Termination Products

Acromag provides a broad selection of hardware accessories to simplify the use of our I/O boards. This collection of panels, cables, and adapters facilitate field wiring and cable connections between boards within the card cage.

Model #	Description	Page
Termination Panels		
5025-288	DIN rail-mount, 68 screw terminals, SCSI-3 cable connection	G0
5025-552	DIN rail-mount, 50 screw terminals, 50-pin header cable connection	G0
5028-378	DIN rail-mount, 50 screw terminals, SCSI-2 cable connection	G0
Cables		
5025-550	Flat cable, unshielded, 50-pin female connectors at both ends	G0
5025-551	Flat cable, shielded 50-pin female connectors at both ends	G0
5028-187	Round cable, shielded 50-pin SCSI-2 to 50-pin ribbon	G0
5028-432	Round cable, shielded, 68-pin SCSI-3 connectors	G0
5028-438	Round cable, shielded, 50-pin SCSI-2 connectors	G0
Transition Modules		
TRANS-200	Transition module, 6U, VME64	G0
TRANS-C100	Transition module, 3U, cPCI	G0
TRANS-C200	Transition module, 6U, cPCI	G0
TRANS-C4610	Transition module, 3U, PMC	G0
TRANS-C4620	Transition module, 6U, PMC	G0
TRANS-C5200	Transition module, 6U, cPCI (CMOS)	G0
TRANS-C5201	Transition module, 6U, cPCI (RS485)	G0
Technical Illustrations		
Termination panels		G0
Signal cables		G0
Transition modules		G0



Termination Panels

Termination panels provide screw terminals for easy field signal wiring. A cable connector provides a clean interface to the I/O board or mezzanine module. Many termination panels have a compact footprint and mount neatly on a DIN rail strip. Other panels are designed for mounting directly onto a standard 19-inch computer rack.

All of Acromag's I/O boards have a corresponding termination panel. This convenience saves you the time and hassle of finding a compatible panel or crafting your own.

Cables

Acromag also provides a large selection of signal cables to complete the connection of the field wiring on the termination panel to the I/O board. We offer you a wide assortment of ribbon cables to accommodate the various pin and connector configurations. Cables range from simple 50-pin headers (shielded or unshielded) to high-speed SCSI cables. Cable support is available for all of Acromag's analog I/O, digital I/O and serial communication boards.

Transition Modules

These adapters provide a solution for controlling the location of your cabling within the card cage. Transition modules repeat field I/O connections on Acromag's PMC, VME, VME64, and cPCI carrier boards for front or rear exit from the card cage. They can only be used with crates specifically designed for the use of 80mm transition modules.

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Ordering Information

Termination Panels

For technical illustrations see documentation.

5025-288
DIN rail-mount panel with 68 screw terminals for field I/O connections and SCSI-3 connector for I/O board connections.

5025-552
DIN rail-mount panel with 50 screw terminals for field I/O connections and 50-pin connector for I/O board connections.

5028-378
DIN rail-mount panel with 50 screw terminals for field I/O connections and SCSI-2 connector for I/O board connections.

Cables

(specify x = length in feet, 12 feet max. Three standard lengths -4, -7, and -10 which are available from stock. Custom lengths are available but will require extra lead time)

For technical illustrations see documentation.

5025-550-x
Flat cable, unshielded, 50-pin female connectors at both ends. Recommended for digital I/O applications.

5025-551-x
Same as 5025-550 above except shielded. Recommended for best performance with analog I/O applications.

5028-187
Round cable, shielded, 6 ft. long, SCSI-2 50-pin connector to 50-pin ribbon female connector.

5028-432
Round cable, shielded, 6 ft. long, SCSI-3 connectors at both ends.

5028-438
Round cable, shielded, 6 ft. long, SCSI-2 50-pin connector at both ends.

Transition Modules

For technical illustrations see documentation.

TRANS-200
80mm VME64 transition module for AVME967x IP carriers. Brings 200 I/O points from backplane out four 50-pin SCSI-2 connectors at rear of card cage.

TRANS-C100
80mm cPCI transition module for AcPC8635 carrier. Brings 100 I/O points from backplane to two 50-pin SCSI-2 connectors at the rear of the card cage.

TRANS-C200
80mm cPCI transition module for AcPC8625 carrier. Brings 200 I/O points from backplane to four 50-pin SCSI-2 connectors at the rear of the card cage.

TRANS-C4610
Air-cooled CompactPCI transition module for AcPC4610E and AcPC4610CC. Repeats field I/O signals of PMC modules for rear exit fromCompactPCI card cages.

TRANS-C4620
CompactPCI transition module for AcPC4620E and AcPC4620CC. Repeats field I/O signals of PMC modules (Slot A & B) for rear exit from CompactPCI card cages.

TRANS-C5200
CompactPCI transition module for AcPC4620E & AcPC4620CC designed to be used with the PMC-LX/SX or the PMC-VLX/VFX/VSX modules. Converts the 2.5V rear I/O signals to 64 5V/3.3V selectable open-drain I/O.

TRANS-C5201
CompactPCI transition module for AcPC4620E & AcPC4620CC designed to be used with the PMC-LX/SX or the PMC-VLX/VFX/VSX modules. Converts the 2.5V rear I/O signals to 32 RS485/RS422 I/O.



Acromag offers a variety of cables to complete your system.



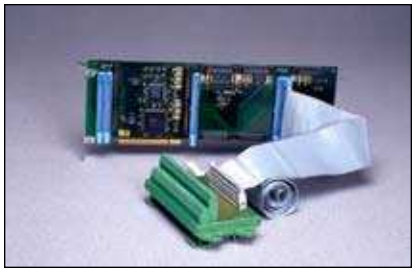
Transition modules simplify I/O connections in the rear of a card cage. From left: TRANS-200, TRANS-C200.



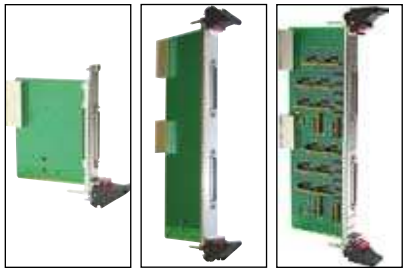
AVME9670 with TRANS-200, 5028-438, and 5028-378.



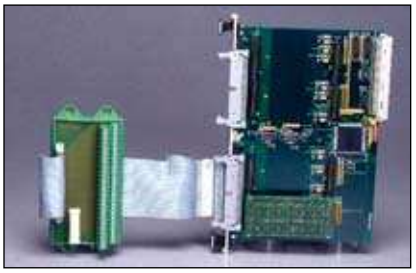
AcPC8625 with TRANS-C200, 5028-438, and 5028-378.



The 5025-552 termination panel and 5025-550 signal cable make field I/O connections to the APC8620 carrier easy.



TRANS-C4610 and TRANS-C4620 TRANS-C5200/C5201



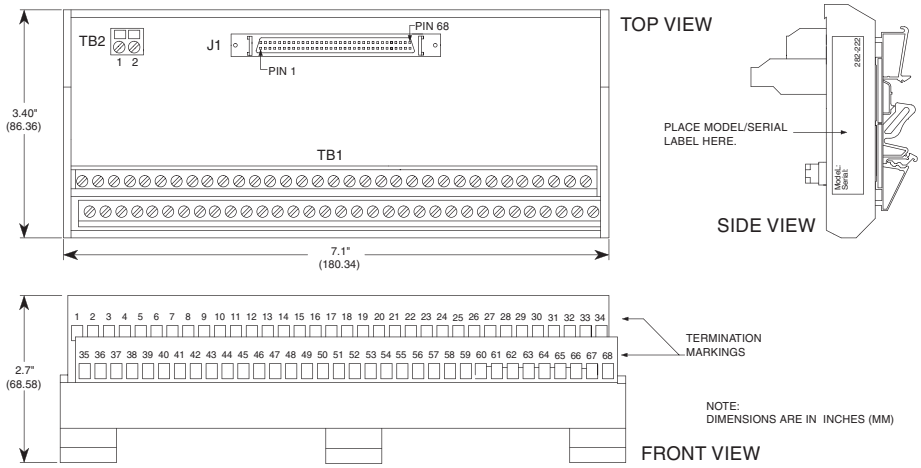
Attach up to four 5025-552 panels and 5025-550 cables to bring I/O connections out the front of an AVME9660 carrier.

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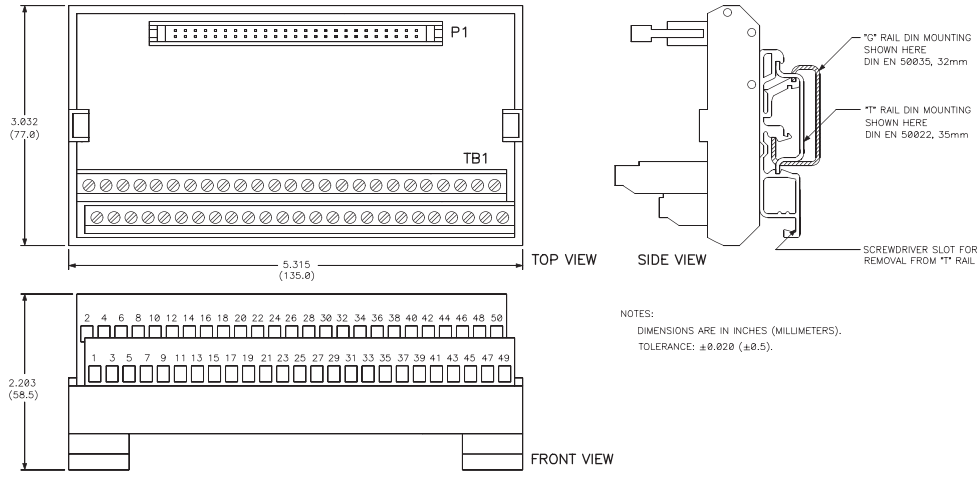
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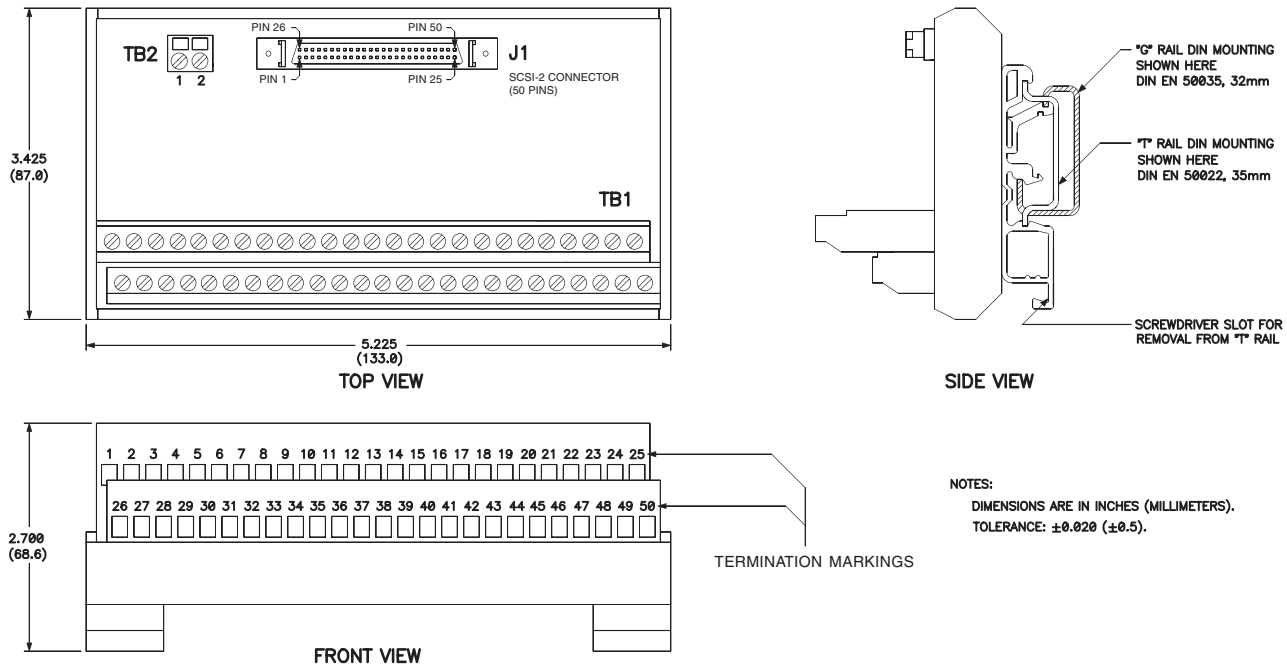
5025-288 Termination Panel



5025-552 Termination Panel



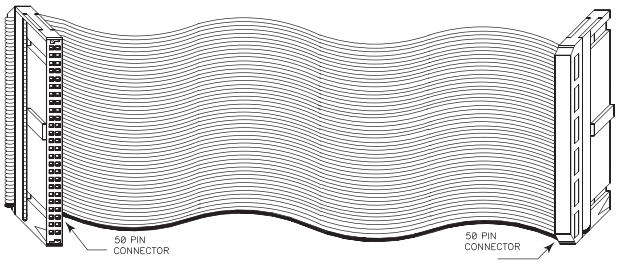
5028-378 Termination Panel



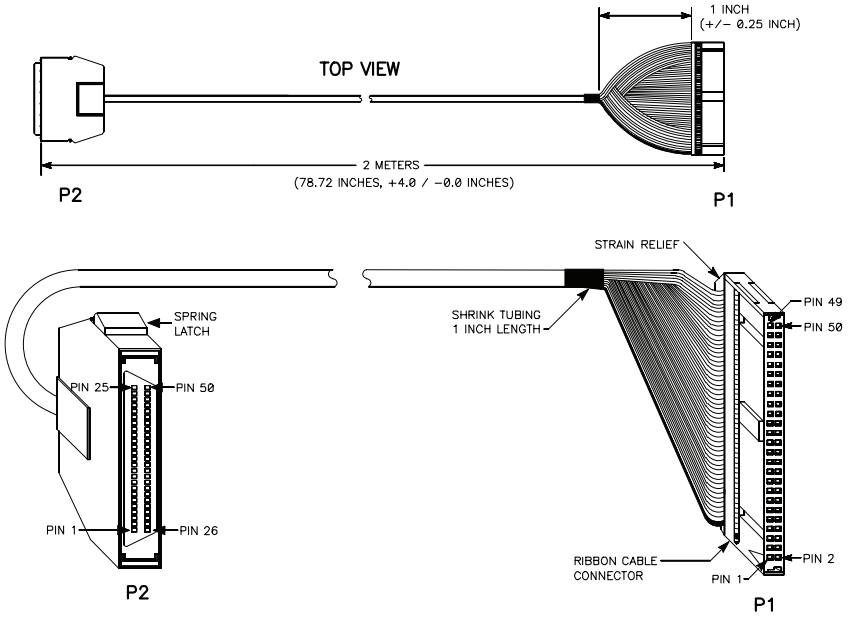
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5025-550/551 Cable



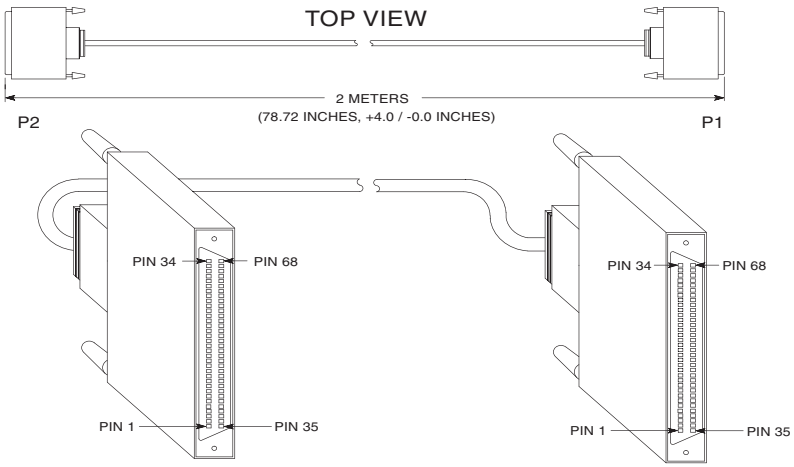
5028-187 Cable



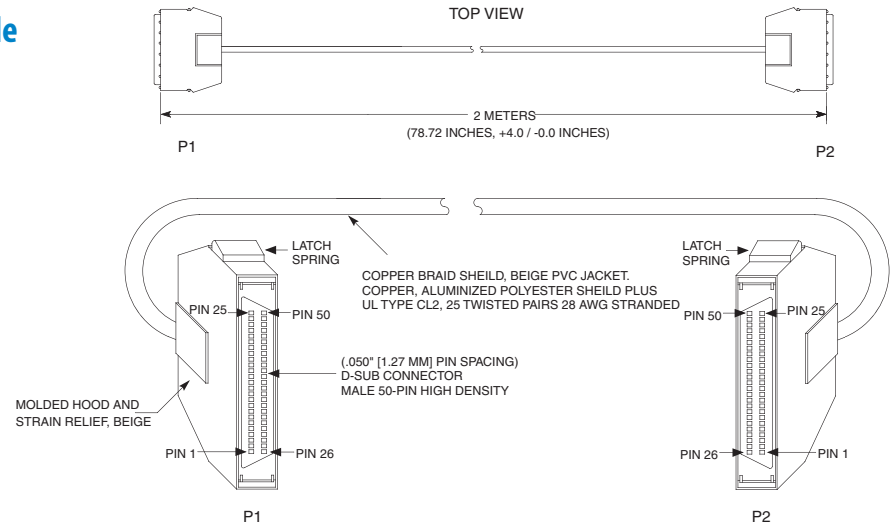
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5028-432 Cable



5028-438 Cable

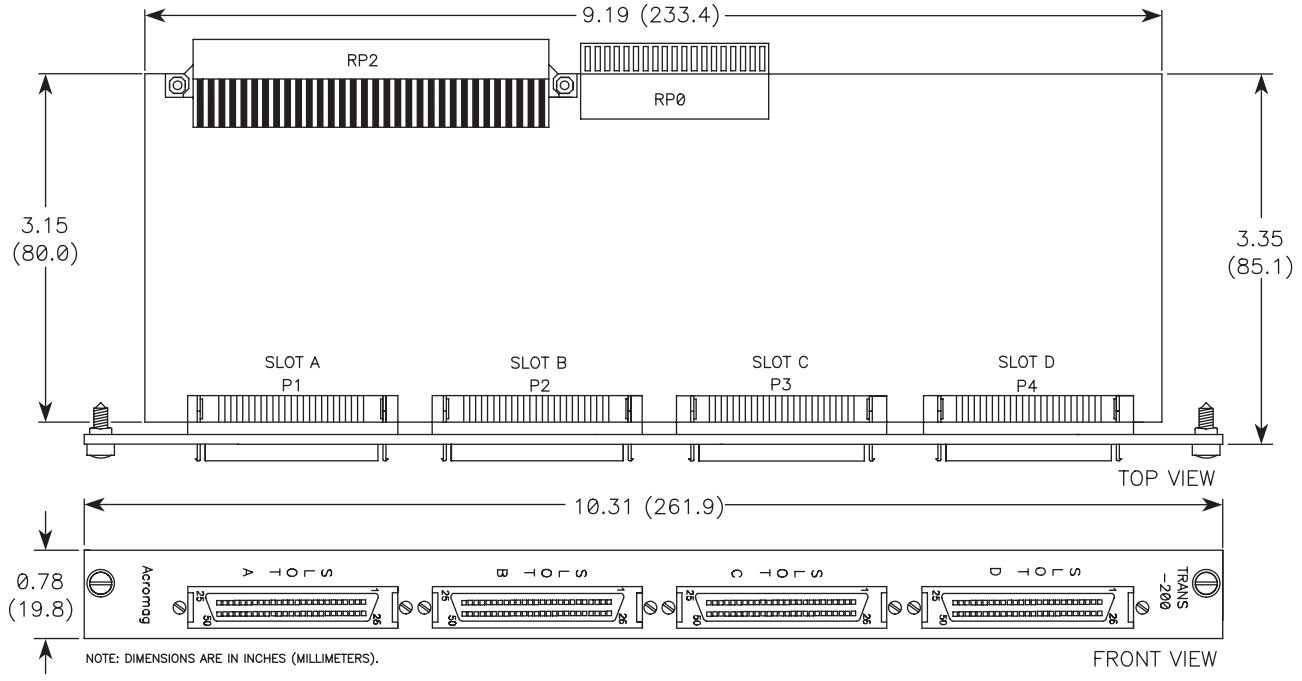


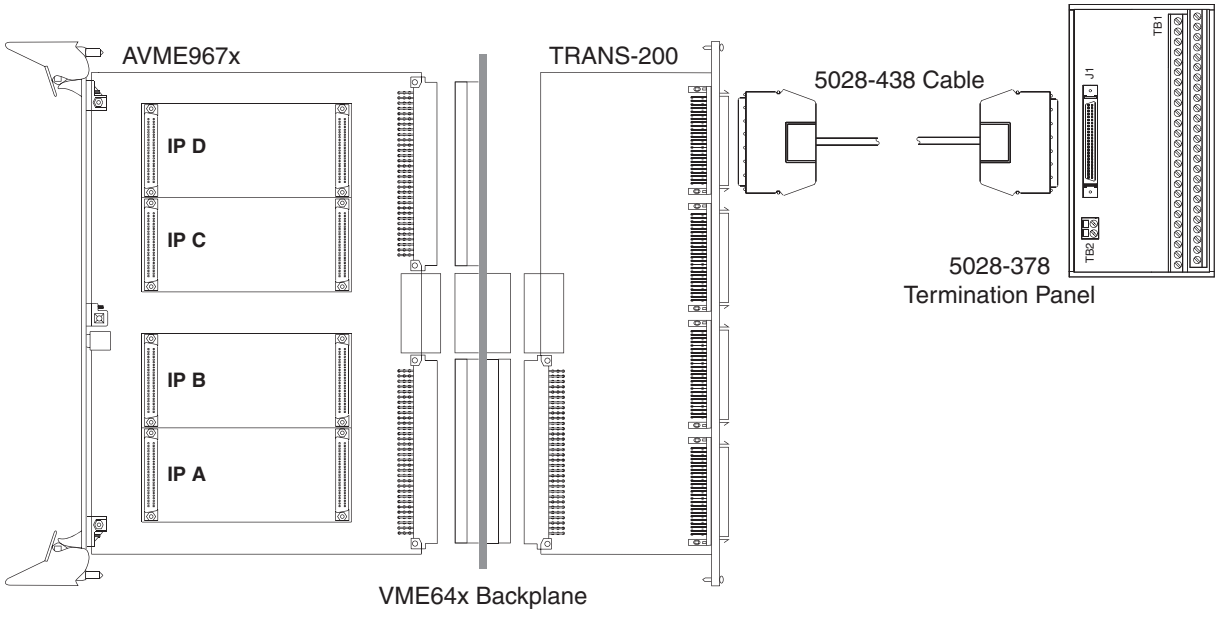
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TRANS-200

Industry Pack Transition Module





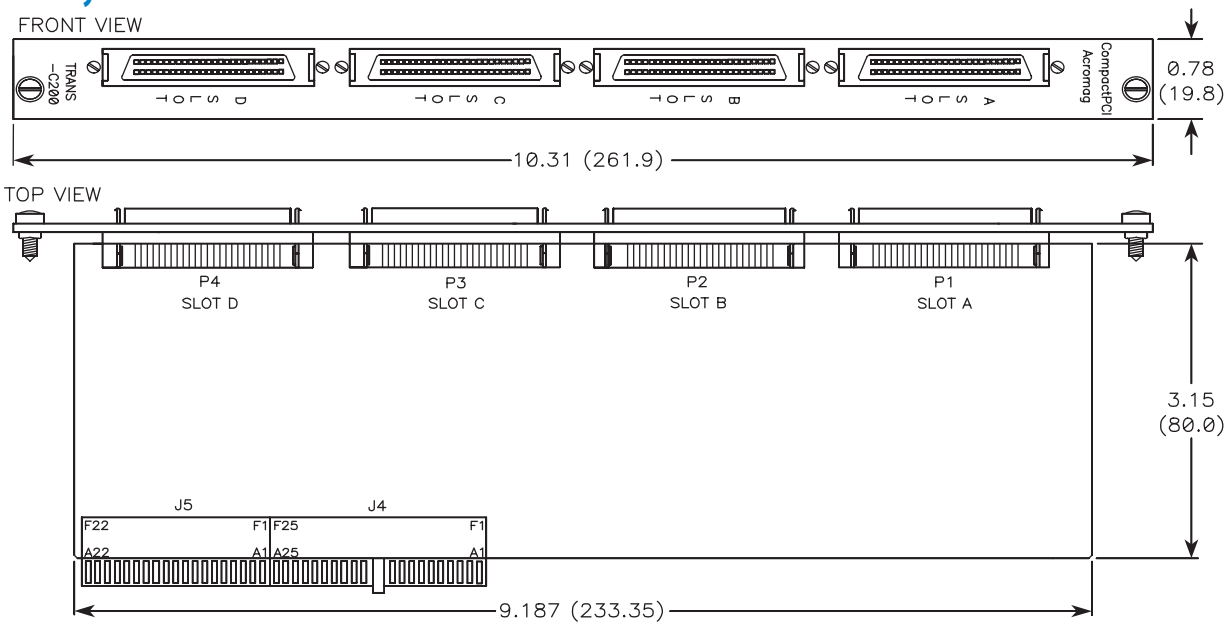
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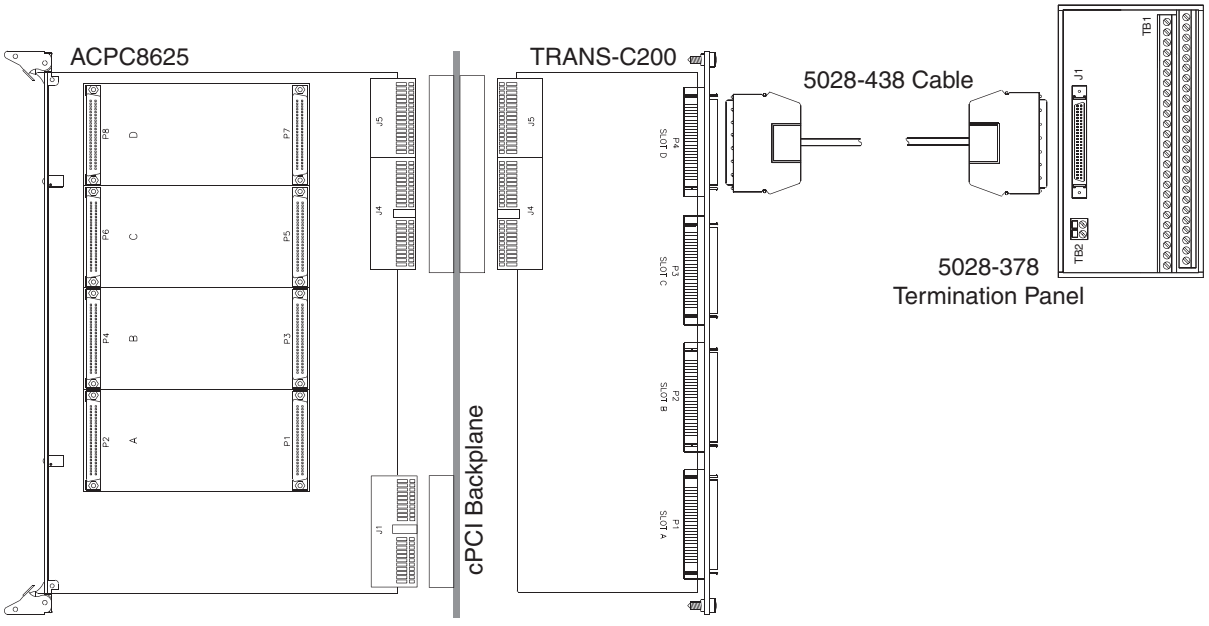
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TRANS-C200

Industry Pack Transition Module



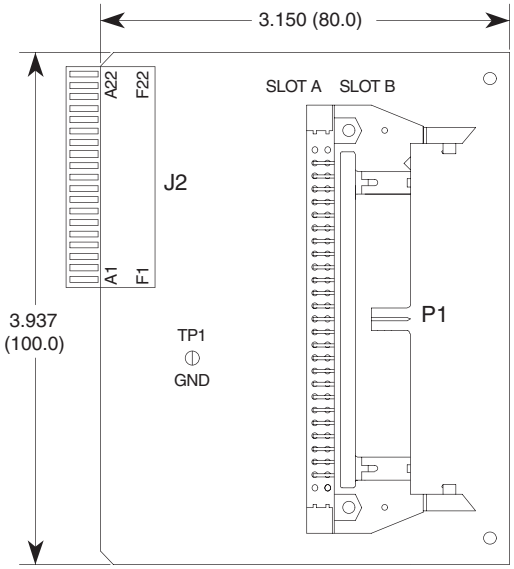


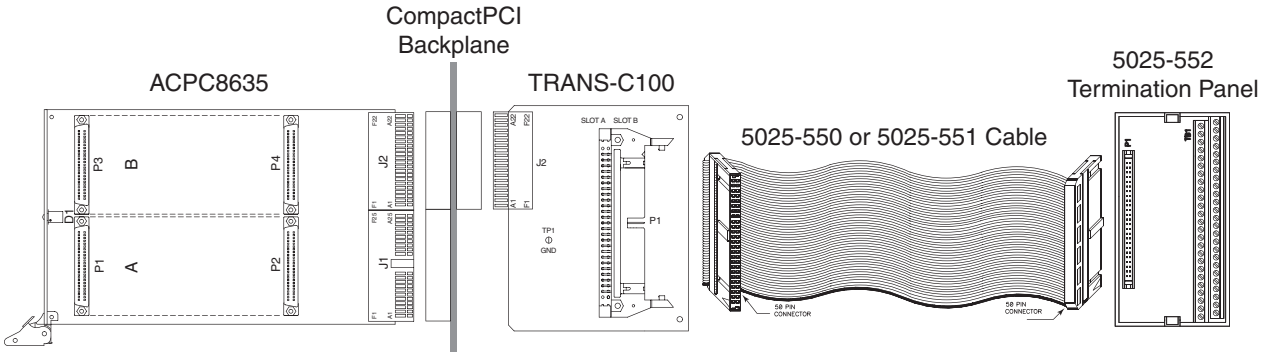
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TRANS-C100

Industry Pack Transition Module



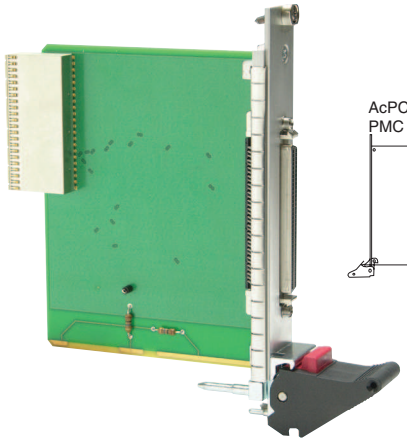


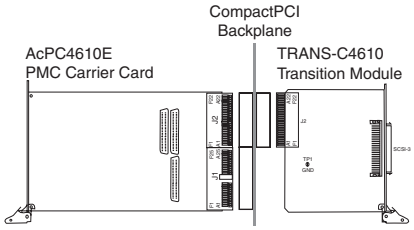
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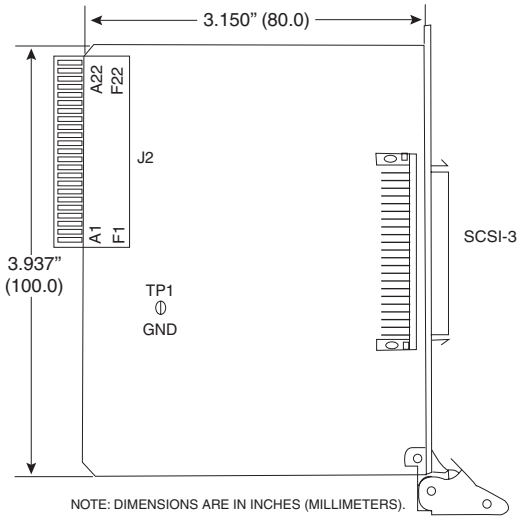
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TRANS-C4610

PMC Transition Module



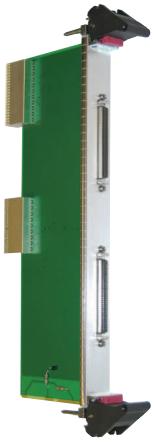


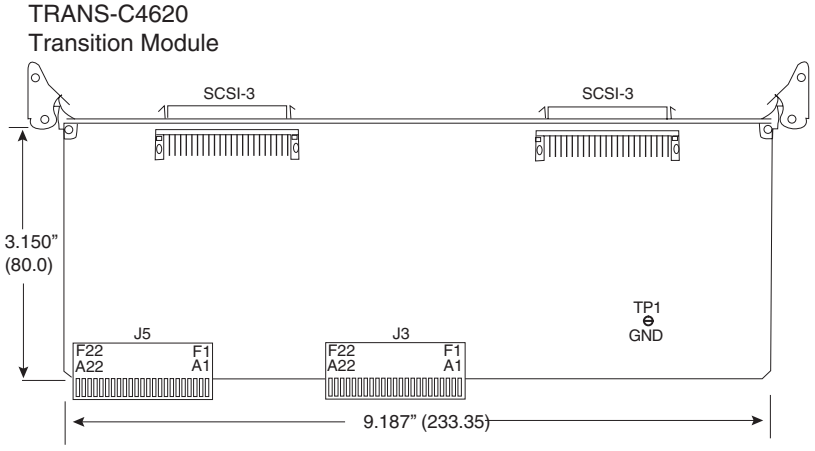


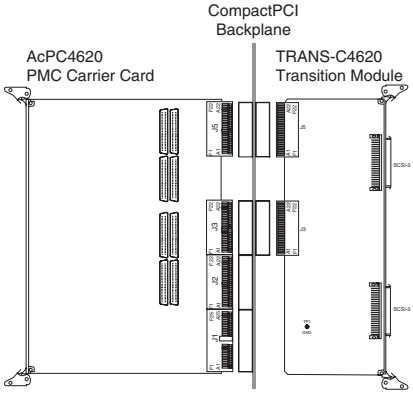
NOTE: DIMENSIONS ARE IN INCHES (MILLIMETERS).

TRANS-C4620

PMC Transition Module





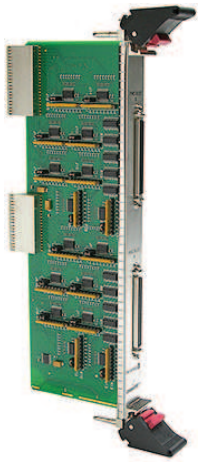


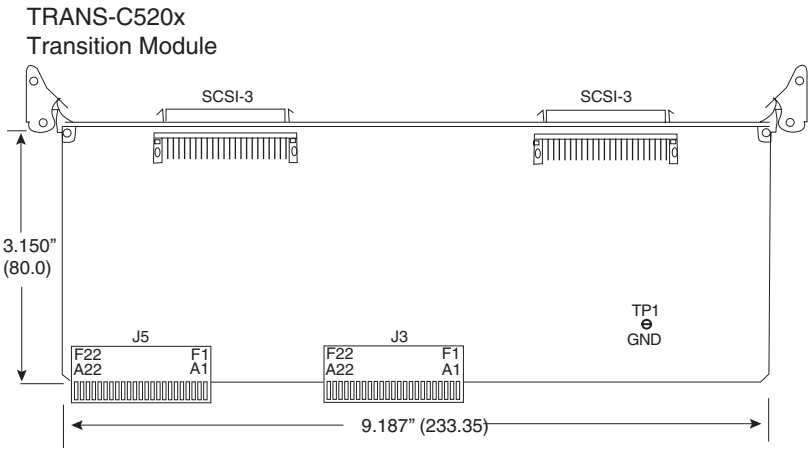
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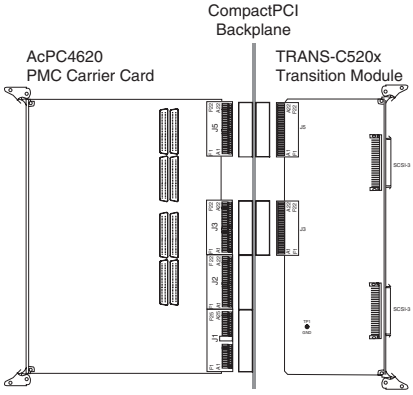
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TRANS-C5200/C5201

PMC Transition Module



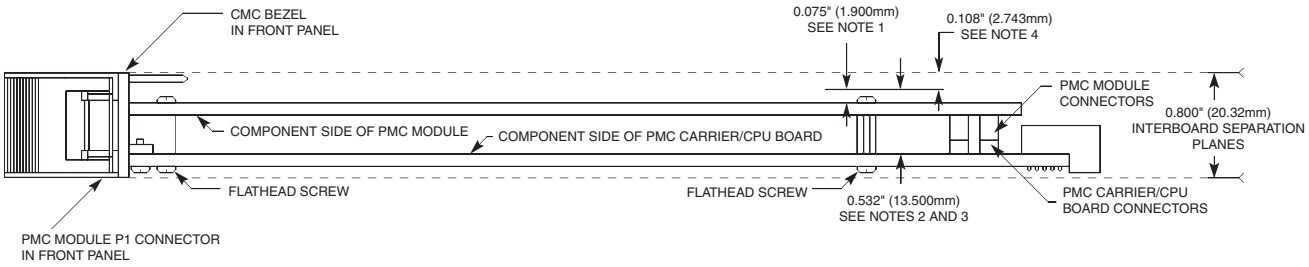


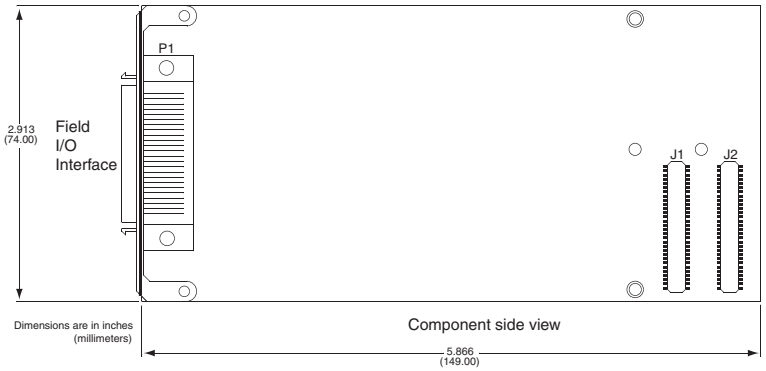


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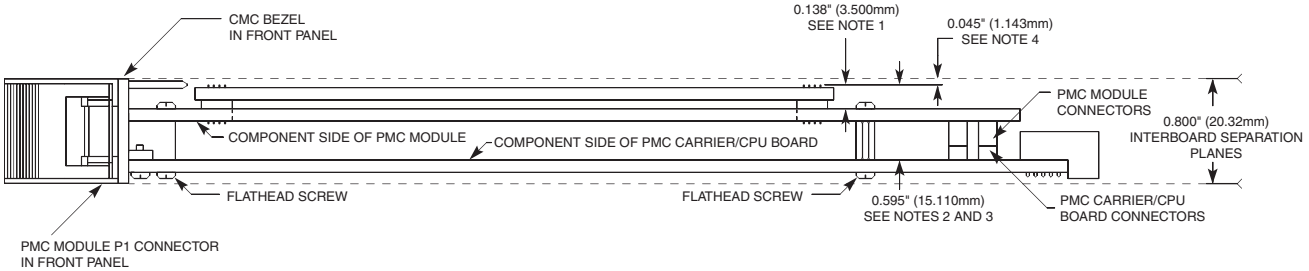
Models PMC330, PMC341, PMC424, PMC464, PMC48x, PMC520, PMC521, PMC730, PMC-AXxxx, PMC-DXxxx

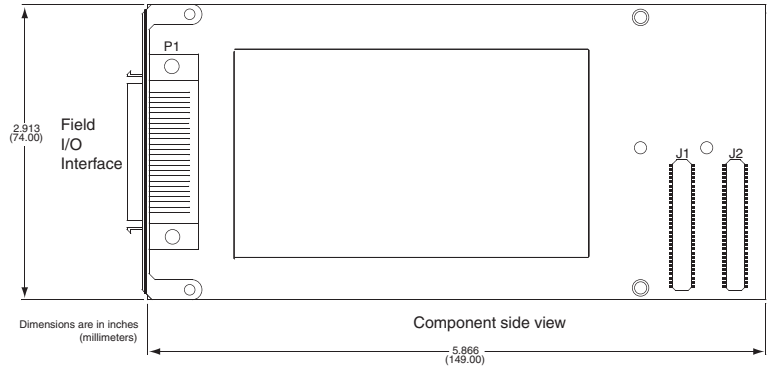




1. The usable space on the solder side of the PMC module is 0.075" (1.900mm) per PMC Mechanical Standard P1386.1. This PMC module is within limits.
2. The total height off the PMC carrier/CPU board is 0.532" (13.500mm) per PMC Mechanical Standard P1386.1. This PMC module is within limits.
3. The maximum component height for VME and CompactPCI is 0.540" (13.720mm). This PMC module is within limits.
4. Distance to interboard separation plane is 0.108" (2.743mm). The desired spacing is 0.100" ((2.540mm) for VME and CompactPCI.

Models PMC230, PMC408, PMC440





1. The usable space on the solder side of the PMC module is 0.075" (1.900mm) per PMC Mechanical Standard P1386.1. This PMC module exceeds this by 0.063" (1.600mm).
2. The total height off the PMC carrier/CPU board is 0.532" (13.500mm) per PMC Mechanical Standard P1386.1. This PMC module exceeds this by 0.063" (1.600mm).
3. The maximum component height for VME and CompactPCI is 0.540" (13.720mm). This PMC module exceeds this by 0.055" (1.400mm).*
4. Distance to interboard separation plane is 0.045" (1.143mm). The desired spacing is 0.100" ((2.5400mm) for VME and CompactPCI.

* Adequate clearance must be determined for the application.

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