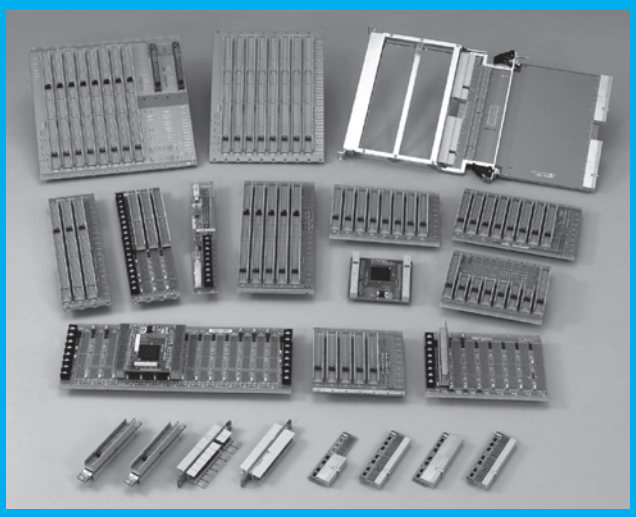
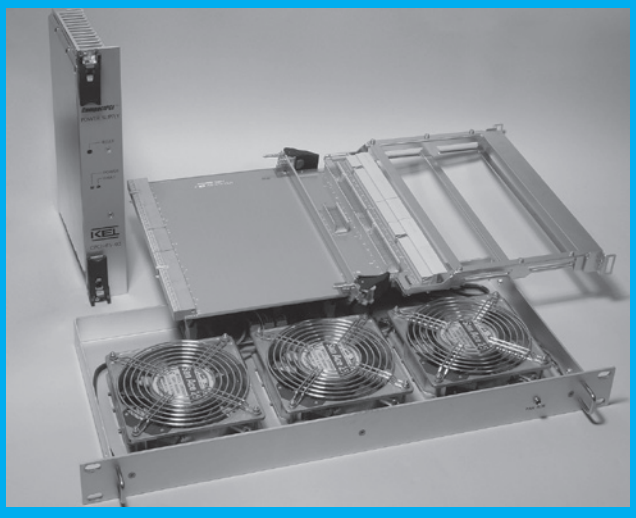
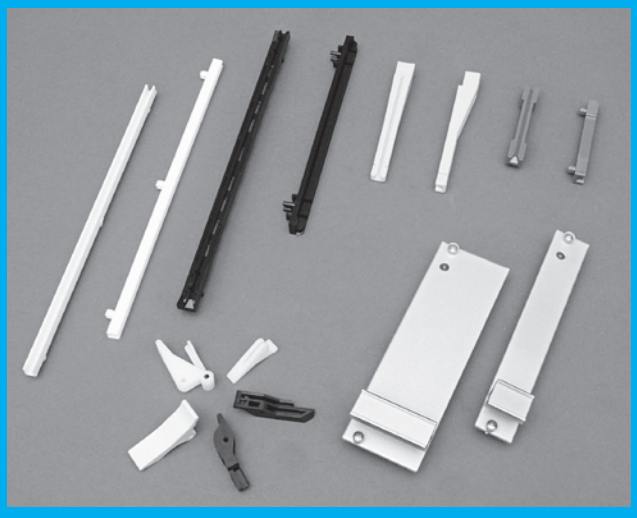
KEL

APPENDIX

RACK PRODUCT

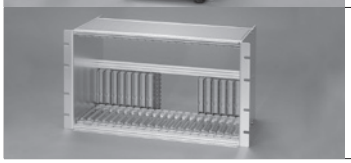




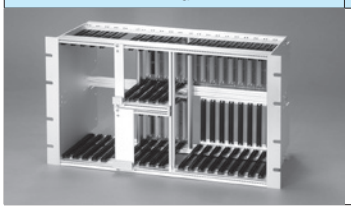


KEL CORPORATION

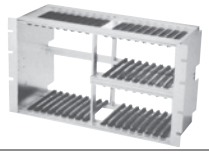
CompactPCI BUS RACK

IMAGE	SERIES	FEATURES
	CPCIR	◆ System rack correspondant to Backplane. (CompactPCI bus backplane) ◆ KEL can meet requirements for custom-made subracks with the KEL Custom Rack Series product system, which uses the same materials as this product.
	EZCR	◆ Unless a desired subrack is shaped very differently from a standard product, KEL can quickly customize a subrack to the customer's needs through our easy-order system. ◆ KEL can meet requirements for custom-made subracks with the KEL Custom Rack Series product system, which uses the same materials as this product.

VME BUS RACK

IMAGE	SERIES	FEATURES
	VCR	◆ Conforms to VMEbus standards (IEEE1014). ◆ Supplied as completely assembled system.

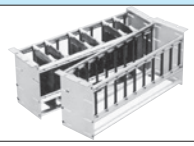
ECR series + VME B/P = **VCR series**

IMAGE	SERIES	FEATURES
	ECR	◆ Compatible with IEC specification 297-3. ◆ Assembled rack is available on request. ◆ Multiple variations. ◆ Easy order system.

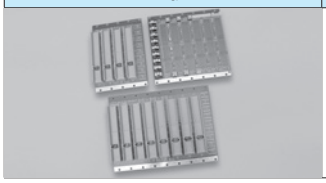
CONFORMS to JIS STANDARD

IMAGE	SERIES	FEATURES
	RUGGED	◆ The Connectors of other companies as well as KEL connectors can be attached. ◆ The quality of the material is an aluminium alloy. ◆ The outstanding heat dissipation effect can be acquired.

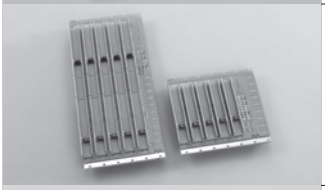
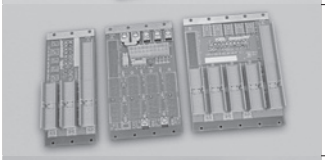
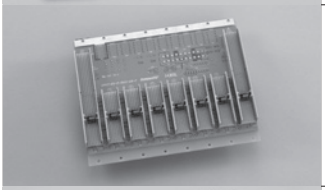
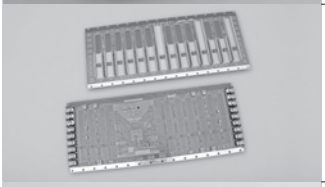
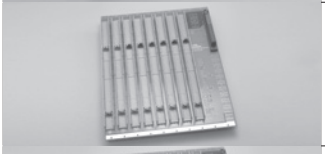
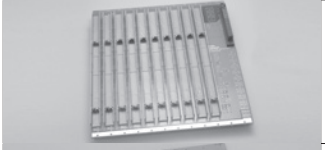
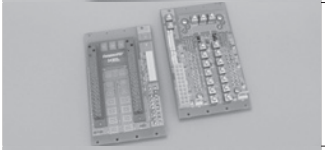
CONFORMS to EIA STANDARD

IMAGE	SERIES	FEATURES
	RK	◆ Rack kit for versatile use. ◆ Very easy to assemble.

CompactPCI BUS BACKPLANE

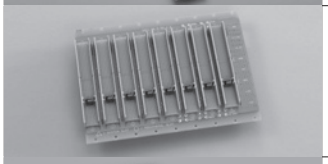
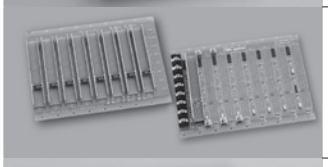
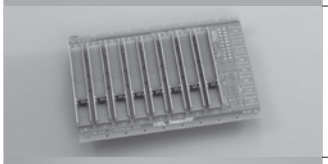
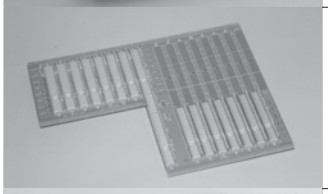
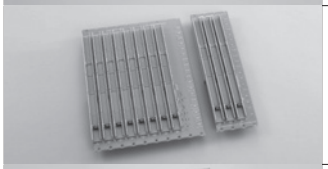
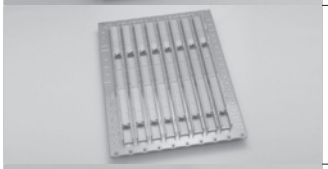
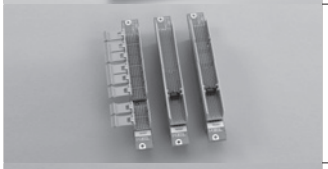
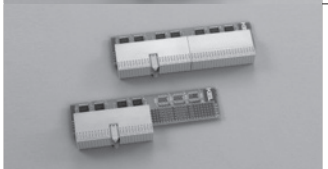
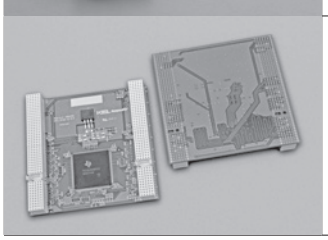
IMAGE	SERIES	FEATURES
	PICMG2.0R3.0 Compliant Backplane CPCI-□S-□-R3.0II-3U-F	◆ Conforms to PICMG2.0R3.0 standards. ◆ 4, 6 and 8 slots type for 3U. ◆ 64bit/32bit jumper switch is mounted. ◆ 66MHz/33MHz system jumper switch is mounted.

CompactPCI BUS BACKPLANE

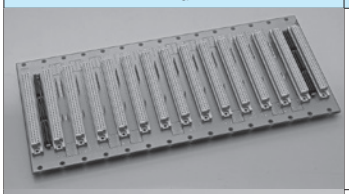
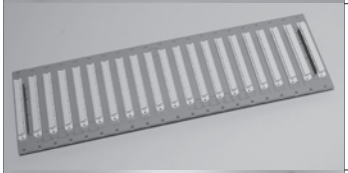
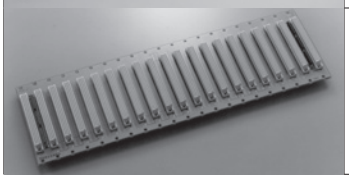
IMAGE	SERIES	FEATURES
	PICMG2.0R3.0 Compliant Backplane CPCI-3S-R-R3.0-3U-F	◆ Conforms to PICMG2.0R3.0 standards. ◆ 3 slots type for 3U. ◆ 64bit/32bit jumper switch is mounted. ◆ 66MHz/33MHz system jumper switch is mounted.
	PICMG2.0R3.0 Compliant Backplane CPCI-5S-R-R3.0-□U-F	◆ Conforms to PICMG2.0R3.0 standards. ◆ 5 slots type for 3U and 6U. ◆ Fitted with a connector for a power supply. ◆ 64bit/32bit jumper switch is mounted. ◆ 64MHz/32MHz system jumper switch is mounted.
	PICMG2.0R3.0 Compliant Backplane CPCI-2S-R-R3.0II-VA-F	◆ Conforms to PICMG2.0R3.0 standards. ◆ 2 slots type for 3U. ◆ Fitted with a connector for a power supply. ◆ 64bit/32bit jumper switch is mounted. ◆ 66MHz/33MHz system jumper switch is mounted.
	PICMG2.0R3.0 Compliant Backplane(32bit exclusive use) CPCI-□S-R-R3.0-VA-F	◆ Conforms to PICMG2.0R3.0 standards. ◆ 3, 4, 5 and 6 slots type for 3U. ◆ 32bit exclusive use. ◆ 66MHz/33MHz system jumper switch is mounted.
	PICMG2.0R3.0 Compliant Backplane VA Type CPCI-8S-R-R3.0-VA-□-F	◆ Conforms to PICMG2.0R3.0 standards. ◆ The total cost is reduced by limiting V(I/O) to +5V fixation and a 32-bit product. ◆ If power supply is limited to an ATX specification, the cost can be reduced further.
	PICMG2.0R3.0 Compliant Bridge Board Equipped Backplane CPCI-B-14S-R-R3.0II-□□-3U-F	◆ Conforms to PICMG2.0R3.0 standards. ◆ Backplane is designed for use with bridge boards.
	PICMG2.0R3.0 Compliant Slot-in Power Supply Compatible 6U Backplane CPCI-P-8S-R-F	◆ Designed for use with the CPCI-PS-02-F slot-in power supply unit. ◆ Two ATX power supply connectors are fitted. ◆ Sensing point is located near the center of the board. ◆ Can accommodate parallel operation of two plug-in power supply units.
	PICMG2.16R1.0 Compliant Packet Switching Backplane CPCI-PSB-8S-R-D-F	◆ Conforms to PICMG2.16R1.0 and PICMG2.11R1.0 standards. ◆ Specification which adapted the Ethernet standard to P3 connector on the backplane. ◆ Packet switching structure.
	PICMG2.17R1.0 Compliant Star Fablic Backplane CPCI-SFB-10S-R-CD-F	◆ Conforms to PICMG2.17R1.0 and PICMG2.11R1.0 standards. ◆ Specification which adapted the LVDS standard to P3 connector on a backplane. ◆ Star fablic structure.
	PICMG2.11R1.0 Compliant Slot-in Power Supply Compatible Backplane CPCI-P-3U-2S-F	◆ Conforms to PICMG2.11R1.0 standards. ◆ Designed for use with the CPCI-PS-02-F slot-in power supply unit. ◆ For 3U.
	PICMG2.11R1.0 Compliant Slot-in Power Supply Compatible Backplane CPCI-P-6U-1x2S-F	◆ Conforms to PICMG2.11R1.0 standards. ◆ Designed for use with the CPCI-PS-02-F slot-in power supply unit. ◆ For 6U.

KEL CORPORATION

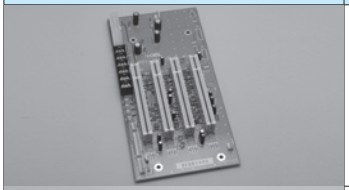
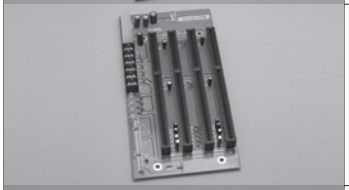
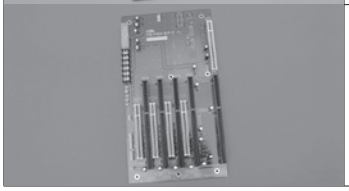
CompactPCI BUS BACKPLANE

IMAGE	SERIES	FEATURES
	PICMG2.11R1.0 Compliant Slot-in Power Supply Compatible Backplane CPCI-P-MD-F	◆ Conforms to PICMG2.11R1.0 standards. ◆ Designed for use with the CPCI-PS-02-F slot-in power supply unit. ◆ For 6U. ◆ One ATX power supply connectors are fitted.
	PICMG2.0R2.1 Compliant 3U Backplane CPCI-□S-□-R2.1-F	◆ 3U size. ◆ Wired for 64-bit signaling system. ◆ Five clock routings. ◆ Sensing terminals implemented.
	PICMG2.0R2.1 Compliant Termination Implementing Backplane CPCI-8S-□T-R2.1-F	◆ Basic parts of this product are the same as those of the R2.1-compliant 3U backplane. ◆ Used for mounting termination boards. ◆ Designed for use with CPCI-TB Series termination board.
	PICMG2.0R2.1 Compliant ATX Power Supply Connector Equipped Backplane CPCI-8S-RA-R2.1-F	◆ Basic parts of this product are the same as those of the R2.1-compliant 3U backplane. ◆ Fitted with a connector for an ATX power supply.
	PICMG2.7D0.5 Compliant Dual-Bus Compatible 6U Backplane CPCI-D-16S-6UR-F	◆ Dual-width-slot backplane with built-in bridge board. ◆ Power supply layout for CompactPCI bus A is independent from that of CompactPCI bus B. ◆ Up to 14 peripheral boards can be used.
	PICMG2.1R1.0 Compliant Hot Swap Compatible Backplane CPCI-H-□S-□-□□-F	◆ The backplane is wired for 64-bit signaling. ◆ Seven clock routings (point-to-point) are provided. ◆ Eight-slot backplanes each have a pre-mounted diode array. ◆ Three-level staged pins enable hot swapping.
	PICMG2.5R1.0 Compliant Computer Telephony Compatible 6U Backplane CPCI-C-□S-R-F	◆ Eight-slot backplanes each have a pre-mounted diode array. ◆ A telecommunication power supply pin is provided at P4. ◆ Satisfies the insulation requirements of the specifications.
	Rear I/O Adapter CPCI-I/O-AD-□□-F	◆ 3.2mm-thick, dual-sided board. ◆ Rows f and z are for GND connection; all other rows are feedthroughs. ◆ The version with a snap latch can be used in a cable-connected configuration.
	Termination Board CPCI-TB-□□□-F	◆ 1.6mm-thick, four-layer board. ◆ Fitted with a 74S1053 diode array. ◆ Can be used in both 5V and 3.3V signal environments. ◆ 64-bit and 32-bit types are available.
	Bridge Board, Palette type (32bit exclusive use) CPCI-B/BII-32-□(AD2□)-F	◆ Primary side of bridge can be assigned to any desired slot by jumper setting. ◆ Can be used with 5V power supplies. ◆ 32bit exclusive use.

VME BUS BACKPLANE

IMAGE	SERIES	FEATURES
	VMEbus Backplane J1 TYPE VME□□S-J1-□□□-M/B-F	◆ Conforms to VMEbus Rev.C ◆ Available for assembly with our ECR/VCR series. ◆ Provides 11 slot versions: 5, 6, 7, 8, 9, 10, 12, 15, 17, 18 and 21 slots. ◆ 8 layer backplane design to improve Cross-talk. ◆ Can set daisy chain jumper switching from any side.
	VMEbus Backplane J2 TYPE VME□□S-J2-M/B-F	◆ Conforms to VMEbus Rev.C ◆ Available for assembly with our ECR/VCR series. ◆ Provides 8 slot versions: 3, 5, 7, 9, 10, 12, 15 and 21 slots. ◆ 4 layer backplane design to improve Cross-talk. ◆ Row B is for 32-bit extension wiring, and rows A and C row are for open.
	VMEbus Backplane I/O TYPE VME□□S-I/O-M/B-F	◆ Conforms to VMEbus Rev.C ◆ Available for assembly with our ECR/VCR series. ◆ Provides 8 slot versions: 5, 7, 9, 10, 12, 15, 18 and 21 slots. ◆ 8 layer backplane design to improve Cross-talk. ◆ Row B is for 32-bit extension wiring, and rows A and C row are for parallel wiring.

PCI • ISA BUS BACKPLANE

IMAGE	SERIES	FEATURES
	PCI Bus Backplane PCI-4S-F	◆ Conforms to PCI bus standard 4 slot backplane. ◆ The PCI backplane can be used arranging it with KEL's ISA backplane. ◆ It is possible to make a specification change to KEL's ISA backplane without changing the position of a slot.
	ISA Bus Backplane ISA-4S-F	◆ Conforms to ISA bus standard 4 slot backplane. ◆ The ISA backplane can be used with KEL's PCA backplane. ◆ It is possible to make a specification change to KEL's PCA backplane without changing the position of a slot.
	PICMG PCI/ISA Backpleane PIS-P4S4-F	◆ Conforms to PICMG PCI/ISA bus standard 5 slot backplane. ◆ A power supply terminal can be chosen in ATX or Terminal stand. ◆ The bracket attachment is prepared. (Optional)

KEL CORPORATION

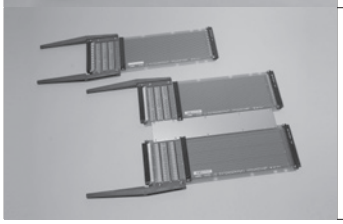
POWER SUPPLY UNIT

IMAGE	SERIES	FEATURES
	CompactPCI Rack-Mount-Type 300W/145W Power Supply Unit	◆ Unit can be used in evaluation low-cost-system applications employing ATX-and SFX-specification power supplies. ◆ 3US type can be used in small systems with 2-3 slots. ◆ ATX-specification fan control is possible.

FAN UNIT

IMAGE	SERIES	FEATURES
	FAN Unit	◆ It is attached in the 19 inch rack based on the IEC standard. ◆ Since aluminum material is used, it is light weight and has excellent size accuracy. ◆ Low noise type fan.

EXTENSION BOARD

IMAGE	SERIES	FEATURES
	CompactPCI bus Backplane Extension Board	◆ 1.6mm-thick, eight-layer board. ◆ Pattern wiring was made as short as possible taking the stub length of CompactPCI boards into consideration. ◆ Chassis is made of SPCC.
	VME bus Backplane Extension Board	◆ 1.6mm-thick, five-layer board. ◆ The object for 3U type and the object for 6U type are available.

CARD PULLER

IMAGE	SERIES	FEATURES
	CRP-03	◆ Material: Polyacetal(UL94HB), White
	CRP-04	◆ Material: Polyacetal(UL94HB), White
	CRP-05L	◆ Material: Glass-filled Nylon 6(UL94V-0), White

CARD PULLER

IMAGE	SERIES	FEATURES
	CRP-05W-F	◆ Material: Glass-filled Nylon 6(UL94V-0), White
	CRP-05M	◆ Material: Glass-filled Nylon 6(UL94V-0), Gray
	CRP-07-LR-F	◆ Material: Glass-filled Nylon 6(UL94V-0), Black

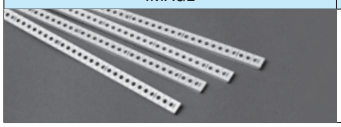
GUIDE RAIL

IMAGE	SERIES	FEATURES
	50-10□□	◆ Guide rail material: Polycarbonate(UL94V-0), Gray ◆ Hook material: Nylon(UL94V-0), Black ◆ Length: 79.9, 118.2, 155.8, 181.4, 239.9mm
	50-40□□	◆ Material: Glass-filled Nylon(UL94HB), Gray ◆ Length: 90, 130, 200mm
	50-60□□	◆ Material: PC/ABS polymer alloy(UL94V-0), Blue ◆ Length: 61.34, 112.1, 137.54, 162.9, 275mm
	50-80□□	◆ Material: PPE(UL94V-0), Black ◆ Length: 151.16, 211.16mm
	50-8030	◆ Material: PPE(UL94V-0), Black ◆ Length: 271.16mm
	50-8410/50-8510	◆ Material: PPE(UL94V-0), Black ◆ Length: 151.16mm
	50-7010□	◆ Material: Polycarbonate(UL94V-2), Blue ◆ Length: 185mm
	50-2032-□□	◆ Material: Nylon 66(UL94V-0), Natural ◆ Length: 203.2mm

FRONT PANEL・FILLER PANEL

IMAGE	SERIES	FEATURES
	□UFP-02	◆ Front panel ◆ Material: A1050PH24(Finish: Alodine after sandblasting)
	□UFP-□□	◆ Filler panel ◆ Material: A1050PH24(Finish: Alodine after sandblasting)

SPACER

IMAGE	SERIES	FEATURES
	SPACER01	◆ Material: PBT(UL94V-0), Gray