

9186/9187 PCI ExpressCard Kit



PCI ExpressCard



GENERAL DESCRIPTION

AVX/Elco has developed the next generation of PCMCIA CARD – known as PCI ExpressCard.

The ExpressCard standard offers a smaller and faster alternative to the current PCMCIA cards. AVX/Elco ExpressCards support both the form factors, ExpressCard/34-34mm wide (9186 series) and ExpressCard/54-54mm wide (9187 series). They have a common 26-position RoHS compliant connector.

The 9186/9187 ExpressCards series have been developed using Elco tried and tested unique mechanical snap features, which ensures that the kit is very strong and rigid. This also means that these products can be assembled using very simple bench press tooling and therefore avoid having to invest in expensive processes like ultrasonic welding or heat adhesion.

Both products can be provided with customized plastic extension to accommodate components where additional space may be required, e.g., antenna. It can also incorporate features such as built-in SIM card for GPRS/WLAN related applications.

APPLICATIONS

- WLAN
- GPRS
- Bluetooth
- Mobile Communication
- Industrial PC

KEY FEATURES/BENEFITS

- Maximum real estate board space available
- Unique interlocking snap features, which provide a rigid kit
- 26-position connector snaps into the kit frame, which provides maximum strength and rigidity to the connector kit
- Easy to assemble using a very simple bench press tool
- Top/bottom cover provides excellent RF shielding
- Kit can be easily customized without incurring major re-tooling cost
- PCB board can be fully supported within the kit
- Customized plastic extension is an integral part of the structure, which will provide a rigid extension

HOW TO ORDER

<u>30</u>	<u>XXXX</u>	<u>6XXX</u>	<u>0</u>	<u>X</u>	<u>002</u>	
Part Number	9186 = 34 way 9187 = 54 way	001 = Extended Kit	0 - 0.20 offset	0 covers w/o insulating film 1 covers with insulating film	Packaging Tape & Reel	

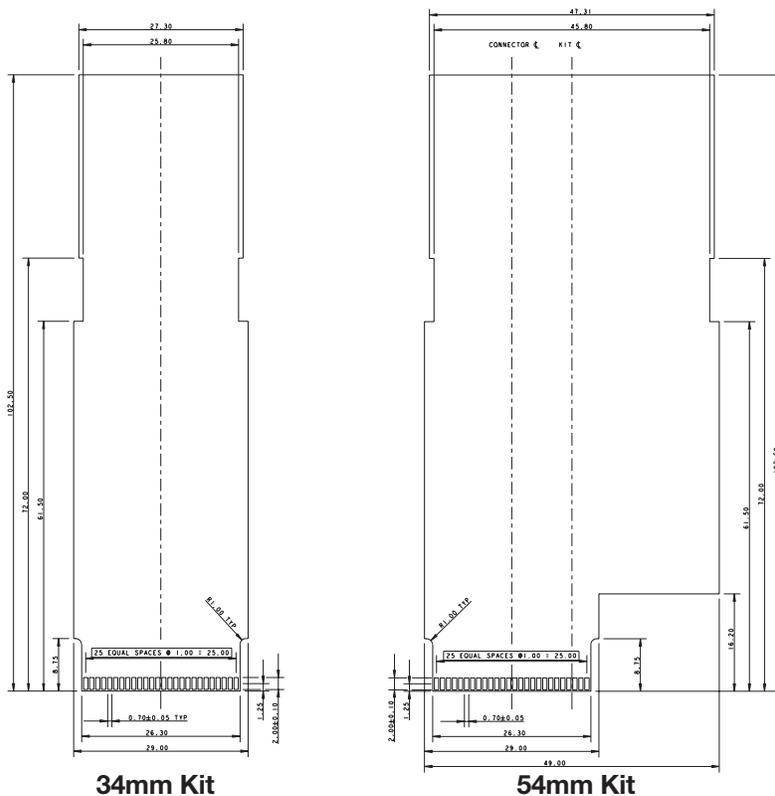


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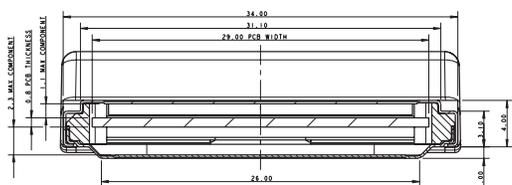


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TYPICAL PCB LAYOUT

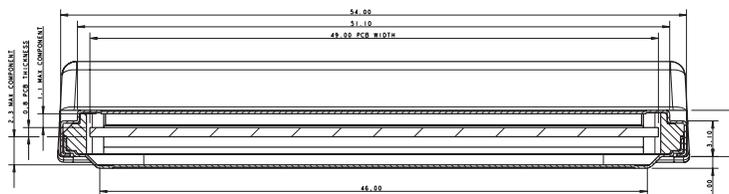


TYPICAL CROSS SECTIONS VIEW



34mm Kit

All height dimensions are maximum.



54mm Kit

All height dimensions are maximum.

