



# 1900 Series PCI Card Edge Connector

## .050[1.27] Contact Centers, Right Angle Termination

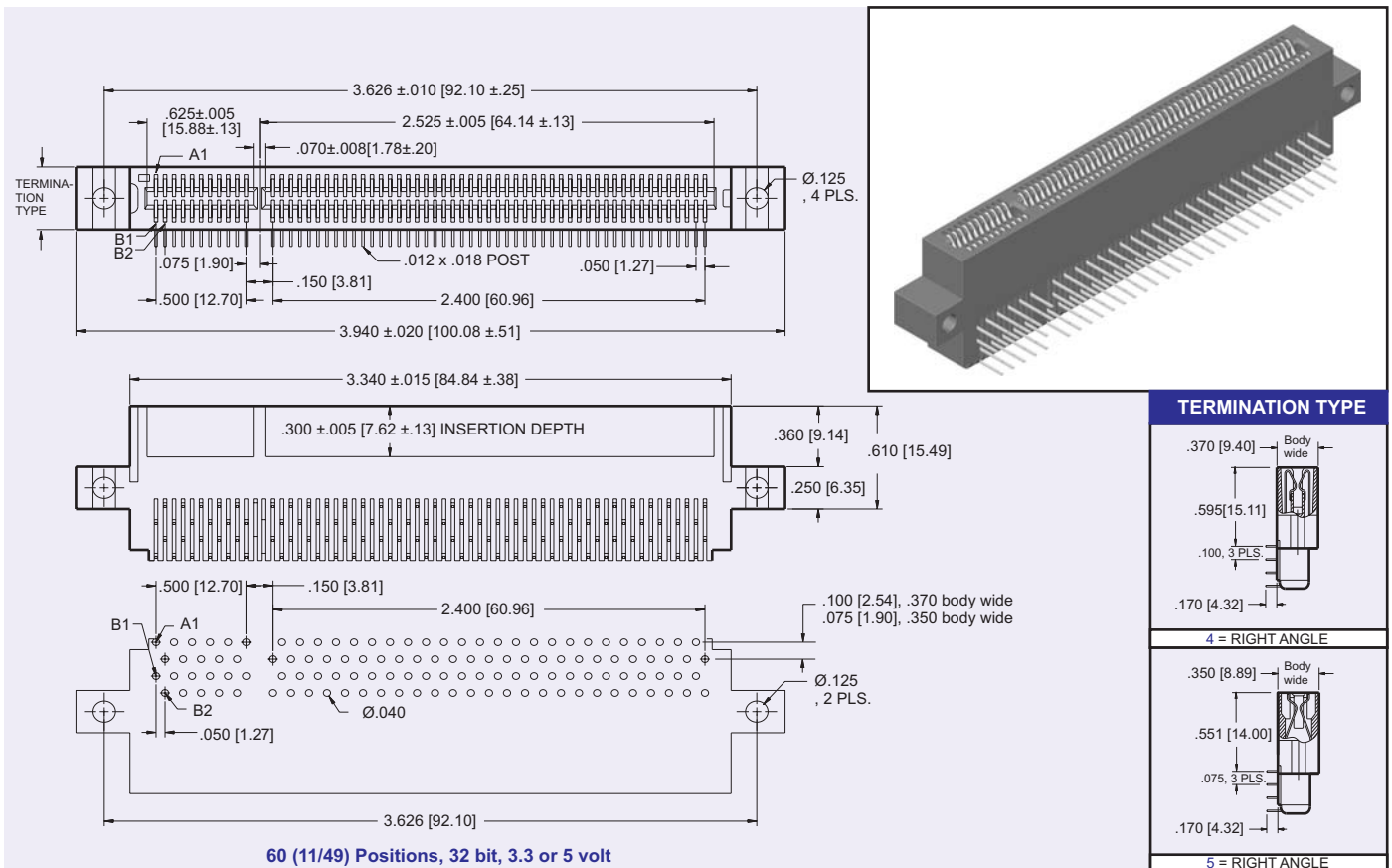
### Specifications

- Accommodates .062K.008 PC Board
- Ryton or Thermx insulator
- 1 amp current rating
- .150 grams normal force minimum
- Insulation Resistance: 5000 Mega Ohm
- Dielectric Withstand Voltage: 250 VDC

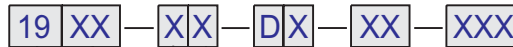
- Voltage Drop: 30 m volt at rated current
- Contact Resistance: 30 m Ω max. at rated current
- Board Insertion Force: 16 oz. Max. per contact pair using .062 [1.58mm] thick steel test blade
- Board Withdrawal Force: 1 oz. Min. per contact pair using .062 [1.58mm] thick steel test blade.
- Operating Temperature: -54B to 125B C



File Numbers: E146967 and E176234



### PART NUMBERING



#### SERIES CODE

.050" Center PCI Card Edge Connector

#### NO. CONTACT PAIRS

- 60 = 11/49 (32 bit, 3.3 or 5 volt)
- 92 = 11/49/32 (64 bit, 3.3 volt)
- 92 = 11/49/32 (64 bit, 5 volt)

#### TERMINATION TYPE

- 4 = Right Angle, .370 [9.40] body wide
- 5 = Right Angle, .350 [8.89] body wide

#### MOUNTING STYLE

- 1 = No Mounting
- 4 = Side Mounting

#### MODIFICATIONS

- 001 = Card Slot Barriers With Guide Posts (32 bit)
- 002 = Card Slot Barriers Without Guide Posts (32 bit)
- 003 = Card Slot Barriers With Guide Posts (64 bit, 3.3 volt)
- 004 = Card Slot Barriers Without Guide Posts (64 bit, 3.3 volt)
- 005 = Card Slot Barriers With Guide Posts (64 bit, 5.0 volt)
- 006 = Card Slot Barriers Without Guide Posts (64 bit, 5.0 volt)

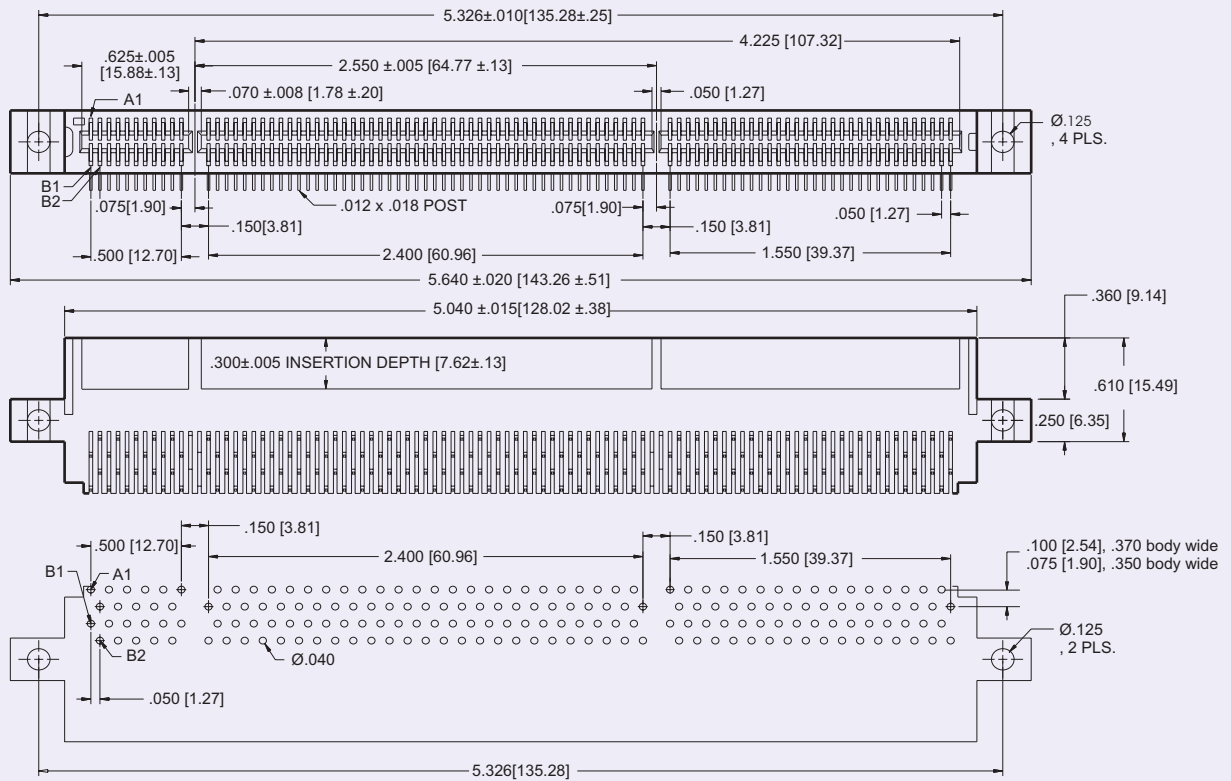
#### MATERIALS

- Insulator / Contact
- 1 = Ryton / Phosphor Bronze
- 2 = Ryton / Beryllium Copper
- 3 = Thermx / Phosphor Bronze
- 4 = Thermx / Beryllium Copper
- 5 = PBT / Phosphor Bronze
- 6 = PBT / Copper Alloy
- 7 = PBT / Brass

#### PLATING

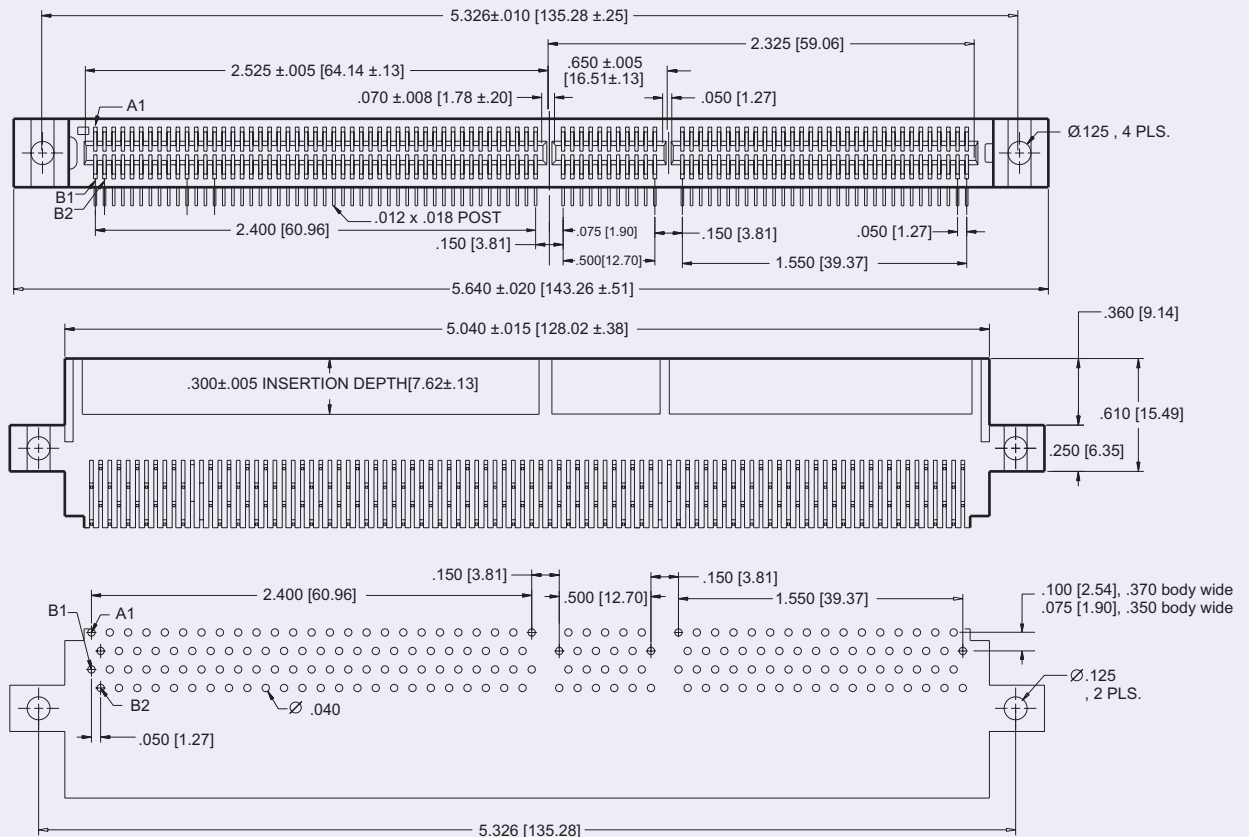
- 50μ" Nickel Underplate
- CONTACT TAIL
- 01 = Flash Au 100μ" SnPb
- 10 = 10μ" Au 100μ" SnPb
- 20 = 15μ" Au 100μ" SnPb
- 30 = 30μ" Au 100μ" SnPb

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92 (11/49/32) Positions, 64 bit, 3.3 volt

Dimensions are in inches [mm]



92 (49/11/32) Positions, 64 bit, 5 volt