

# **SPECIFICATIONS**

#### **Mechanical**

Contact Retention Force: 0.50Kg min. per contact Durability: 50 Cycles Insertion Force(Conn. Into PCB): 0.117Kg max. Unmating Force(Per Contact pair): 0.154Kg min.

# Electrical

Current Rating: 1.1 Amps per pin max. Insulation Resistance: 1000MΩ min. at 500V DC Dielectric Withstanding Voltage: Apply 500VAC for 1 minute between adjacent terminals of an unmated connector. No breakdown. Low Level Contact Resistance:  $30m\Omega$  max. initial, Change not greater than  $20m\Omega$  Max.

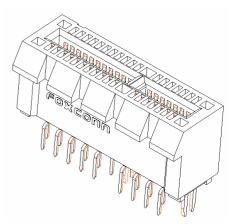
#### Physical

Housing: Thermoplastic, UL 94V-0 rated in Black Color Contact: Copper alloy **Operating Temperature:** -40  $^{\circ}$  C to +105  $^{\circ}$ 

### DRAWING



**2EG0 Series** T/H Type 1.00mm [.039"] Pitch 36 Pos.

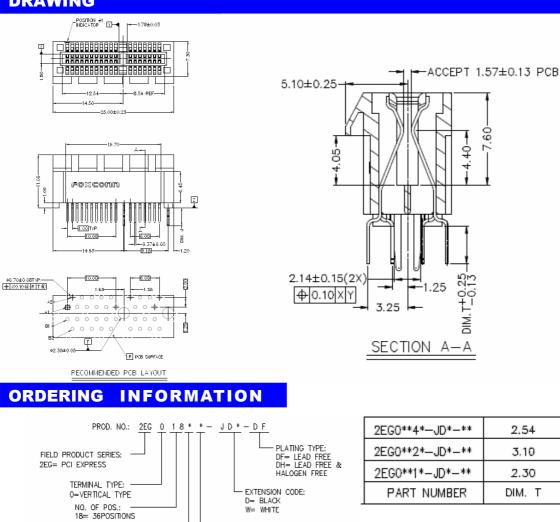


3.78

4.57

3.78

DIM. J



CONTACT AREA GOLD PLATING:

1= GOLD FLASH 7= 15u" GOLD 3= 30u" GOLD

TAIL LENGTH: 1= 2.30mm 2= 3.10mm 4= 2.54mm