

SPECIFICATIONS

Mechanical

Contact Retention Force: 5 N min. per pin
Contact Insertion Force: 1.15 N max. per contact pair
Contact Removal Force: 0.15 N min per contact pair
Durability: 50 Cycles

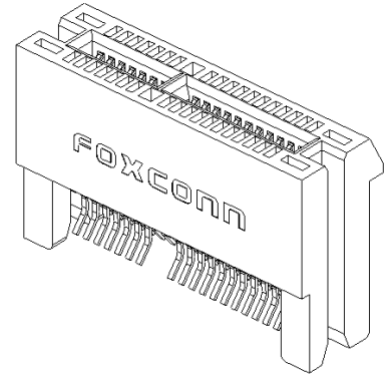
Electrical

Current Rating: 1.1A min. per pin
Contact Resistance: 30 mW max. initial, 50 mW max. after test
Dielectric Withstanding Voltage: 500V AC min. at Sea Level
Insulation Resistance: 1000MW min.

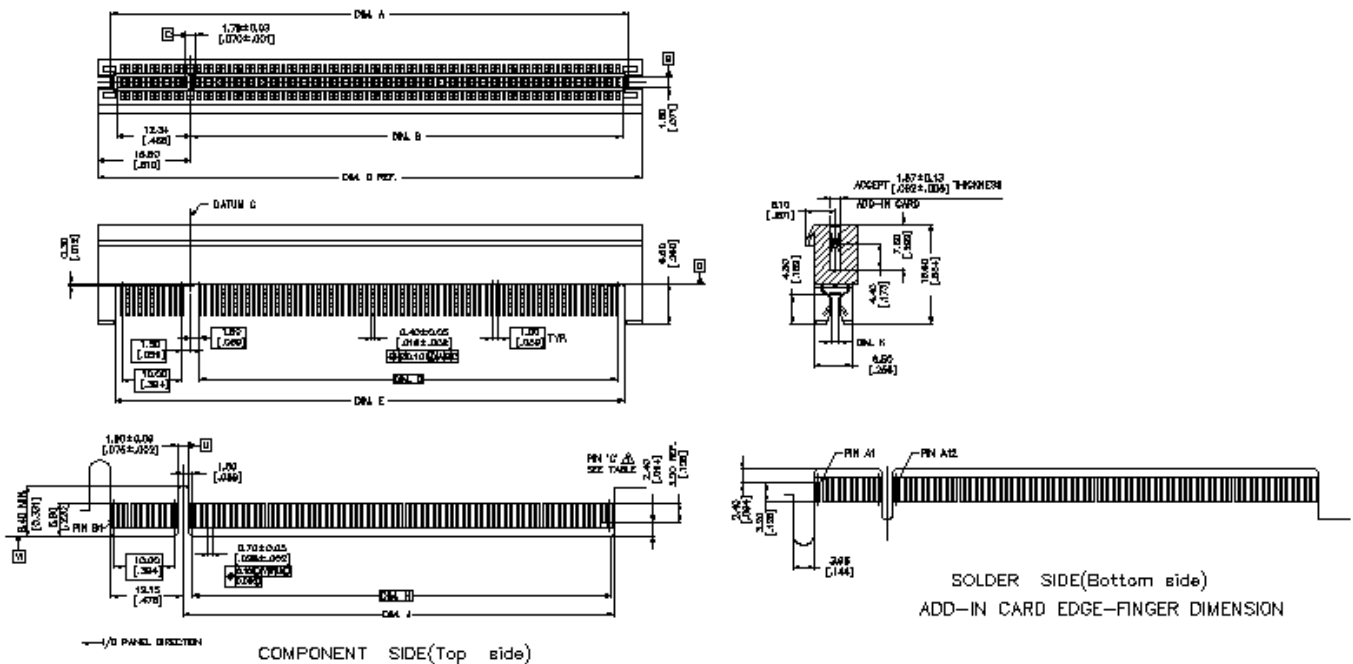
Physical

Housing: Thermoplastic, UL 94V-0 rated, in Black Color
Contact: Copper alloy
Plating: See "ORDERING INFORMATION"
Operating Temperature: -40 to +105

2EG Series
Straddle Mount Type
1. 00mm [.039"] Pitch
36 Pos. (1X)
64 Pos. (4X)
98 Pos. (8X)
164 Pos. (16X)



DRAWING



SOLDER SIDE (Bottom side)
 ADD-IN CARD EDGE-FINGER DIMENSION

ORDERING INFORMATION

PROD. NO.: 2EG 2 * * * * - D5D - * *
 FIELD PRODUCT SERIES: 2EG= PCI EXPRESS
 TERMINAL TYPE: 2= STRADDLE MOUNT
 NO. OF POS. 18= 36 POSITIONS, 32= 64 POSITIONS, 82= 164 POSITIONS
 TAIL GAP: 1= FOR 1.57 mm THICKNESS PCB, 2= FOR 2.08 mm THICKNESS PCB, 3= FOR 2.36 mm THICKNESS PCB
 PLATING TYPE: 4F= LEAD FREE ROHS COMPLIANT, 4M= LEAD FREE AND MATTE PIN
 EXTENSION CODE
 CONTACT AREA GOLD PLATING: 1= GOLD FLASH, 7= 15u" GOLD, 3= 30u" GOLD

PART NUMBER	DIM. K				
2EG2**3*-D5D-**	2.02 [.080]				
2EG2**2*-D5D-**	1.80 [.071]				
2EG2**1*-D5D-**	1.30 [.051]				
P/N	DIM. A	DIM. B	DIM. C	DIM. D	DIM. E
2EG218**-D5D-**	22.80 [.898]	8.34 [.328]	27.00 [1.063]	6.00 [.236]	21.20 [.835]
2EG232**-D5D-**	36.80 [1.449]	22.34 [.880]	41.00 [1.614]	20.00 [0.787]	35.20 [1.386]
2EG282**-D5D-**	86.80 [3.417]	72.34 [2.848]	91.00 [3.583]	70.00 [2.756]	85.20 [3.354]