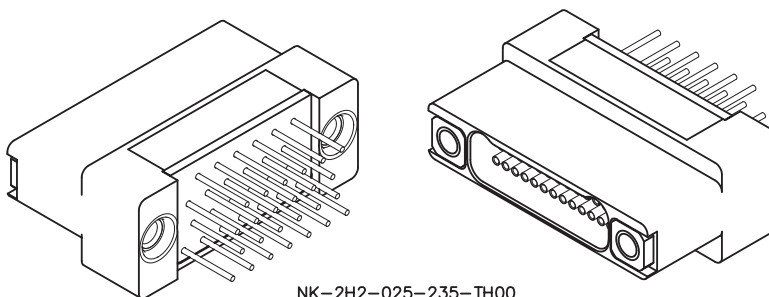


# 2 · ROW Vertical PTH Receptacle with Fixed Hardware

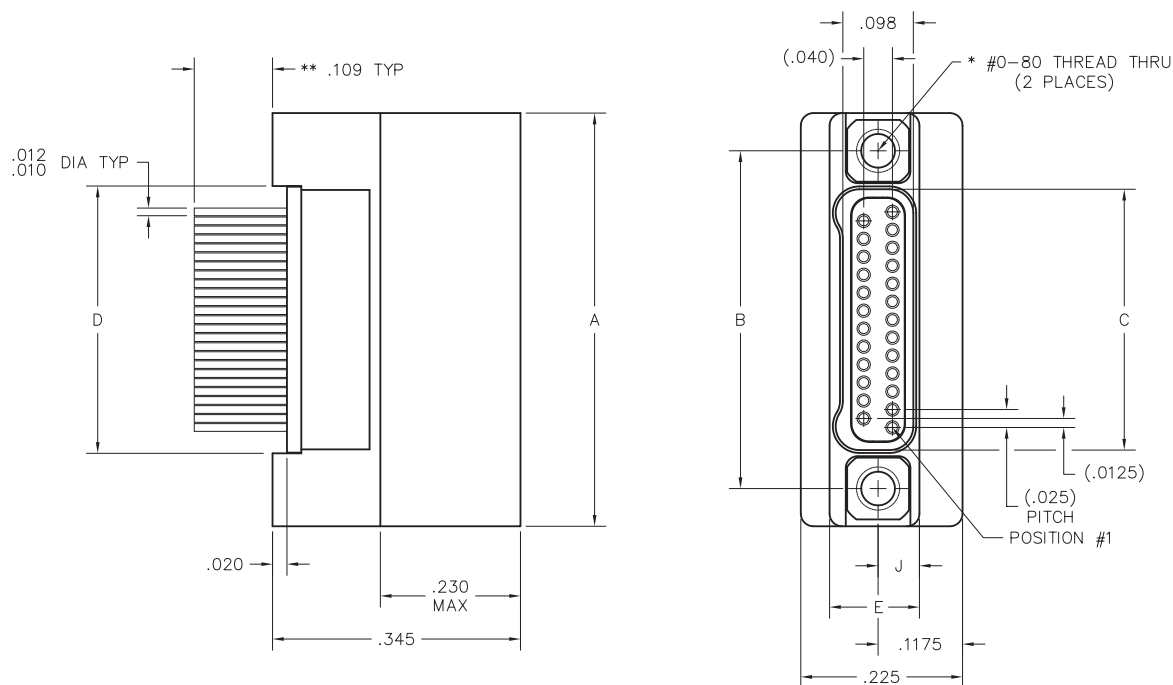
.025"

**NK**

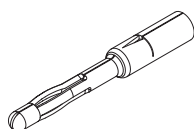
9 thru 91 Contacts



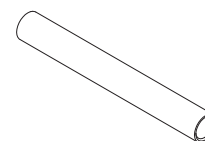
NK-2H2-025-235-TH00  
(RCPT)



DIMENSIONS							
SIZE	A	B	C	D	E	J	*HARDWARE
9	.375	.270	.163	.170			
15	.450	.345	.238	.245			
21	.525	.420	.313	.320			
25	.575	.470	.363	.370			
31	.650	.545	.438	.445	.125	.0575	#0-80 THREAD
37	.725	.620	.513	.520			
51	.900	.795	.688	.695			
65	1.075	.970	.863	.870			
69	1.125	1.020	.913	.920			
85	1.377	1.246	1.113	1.120	.150	.070	#2-56 THREAD
91	1.452	1.321	1.184	1.198			



PIN CONTACT  
3 TINE SPRING MEMBER, CRIMP



SOCKET CONTACT  
DRAWN TUBE, CRIMP

\* = #2-56 UNC THREAD ON 85 AND 91 POSITION CONNECTORS.  
\*\* = OTHER LENGTHS AS REQUIRED

— CLICK HERE —

**REQUEST QUOTE**

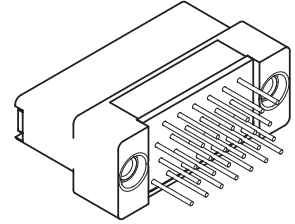
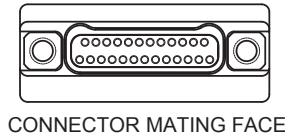
www.geminelec.com

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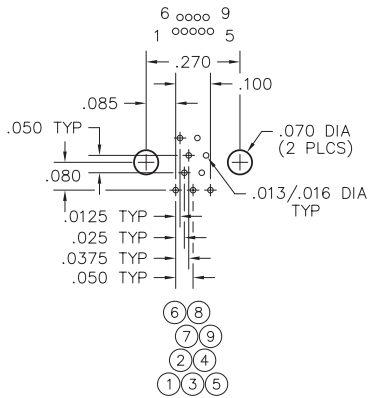
(800) 882-6414 | sales@geminelec.com

# Recommended PC Board Layout

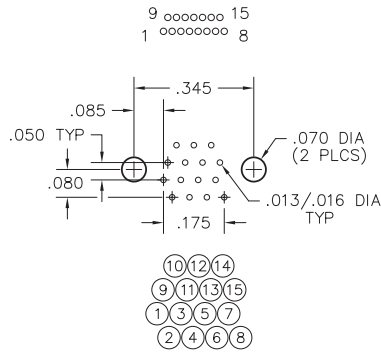
Vertical PTH Receptacle  
FOR REFERENCE ONLY



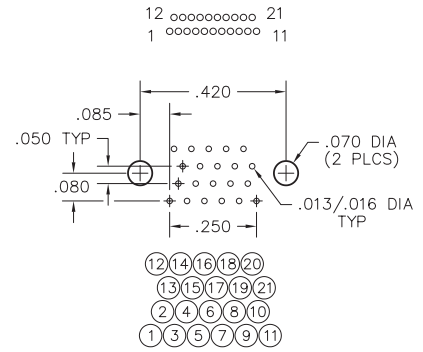
## 9 POSITION



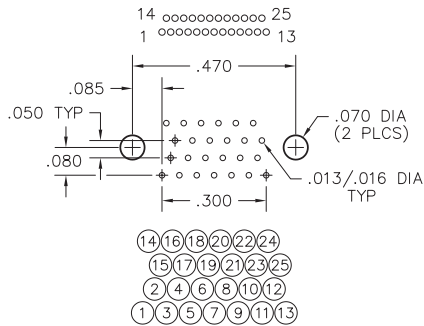
## 15 POSITION



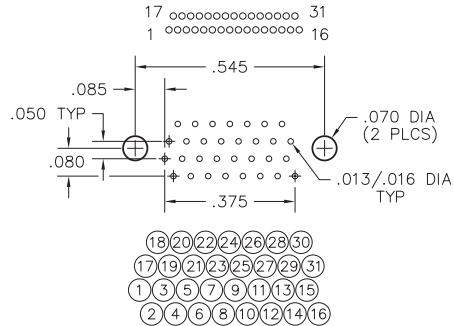
## 21 POSITION



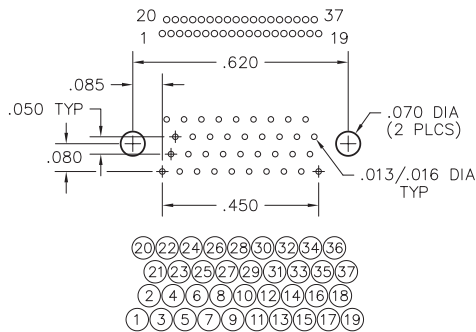
## 25 POSITION



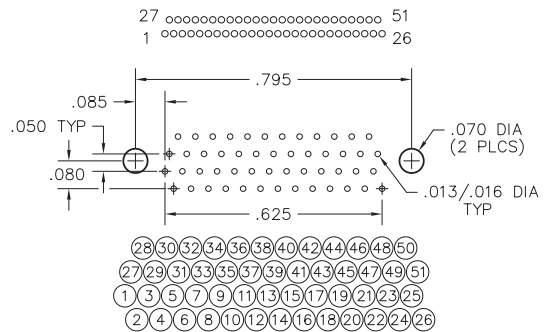
## 31 POSITION



## 37 POSITION



## 51 POSITION



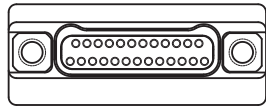
— CLICK HERE —

**REQUEST QUOTE**

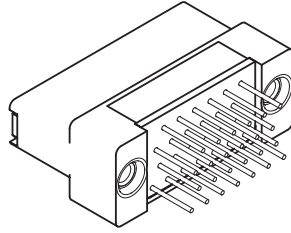
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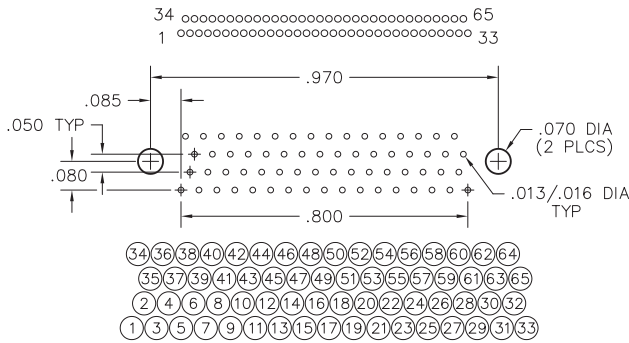
CONNECTOR MATING FACE



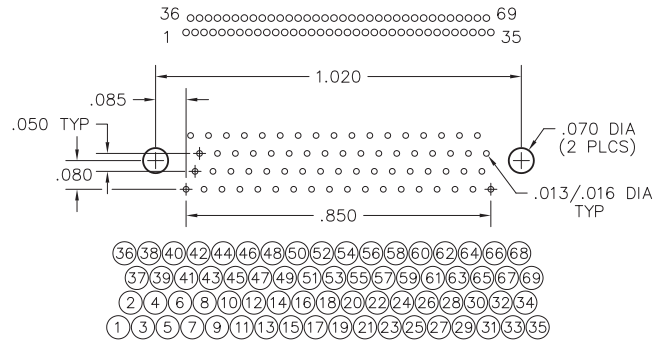
## Recommended PC Board Layout

Vertical PTH Receptacle  
FOR REFERENCE ONLY

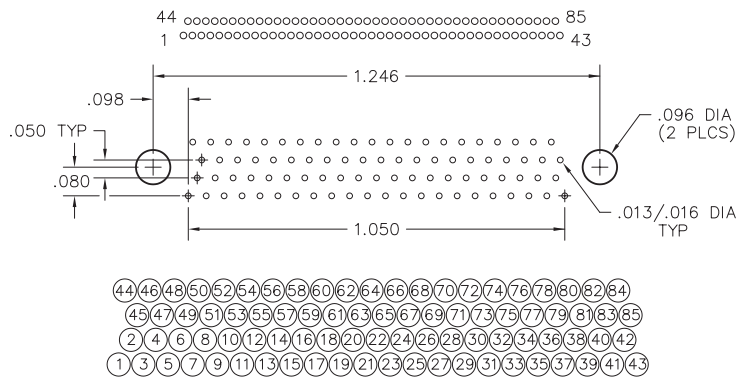
### 65 POSITION



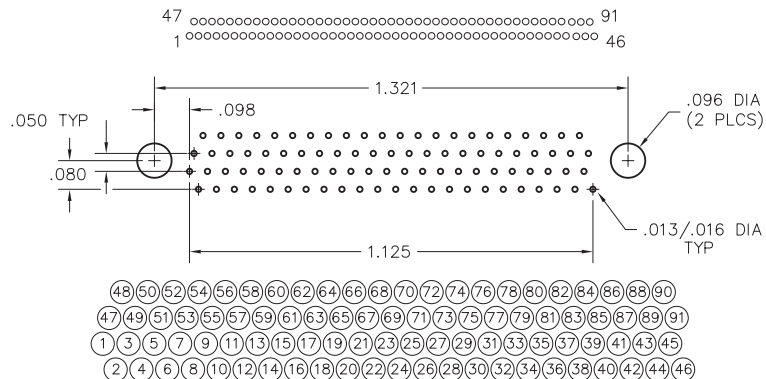
### 69 POSITION



### 85 POSITION



### 91 POSITION



— CLICK HERE —

**REQUEST QUOTE**

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NK-2H2-025-235-TH00  
XX-XXX-XXX-XXX-XXXX

**SERIES**

NK .025" Metal PC Board Mounted Connector

**BODY**

2 2-Row

**BODY STYLE:**

H Receptacle, vertical mount, plated thru hole (PTH)

**BODY MATERIAL:**

- 2 Liquid Crystal Polymer w/ electroless nickel shell
- 3 Liquid Crystal Polymer w/ electrodeposited cadmium shell

**SIZE**

XXX Number of contacts (009, 015, 021, 025, 031, 037, 051, 065, 069, 085 or 091 )

**CONTACTS**

**TYPE CONTACTS/TERMINATIONS:**

- 23 Socket, straight, .109"
- 24 Socket, straight, .140"
- 25 Socket, straight, .172"

**PLATING OPTIONS:**

- 5 50 u" Au contacts; Sn/Pb alloy terminations
- 8 50 u" Au contacts; Tin plated terminations

**HARDWARE**

**STYLE OF HARDWARE:**

- 00 None
- TH Threaded hole, #0-80 UNF \*

**WIRING OPTIONS:**

- 00 None

\* = #2-56 UNC thread on 85 and 91 position connectors  
 .050 hex key (#0-80 thread)  
 1/16" hex key (#2-56 thread)  
 Recommended torque value 1.0 inch-lbs. max. (#0-80 thread)  
 Recommended torque value 2.0 inch-lbs. max. (#2-56 thread)  
 Ball end hex wrench not recommended  
 Hex wrench key/bit conforming to the requirements of ASME / ANSI-B-18.3 is recommended.  
 .050" hex L-key long arm wrench - order AirBorn p/n CDG14148.  
 1/16" hex L-key long arm wrench - order AirBorn p/n CDG14160.

= Option not RoHS compliant