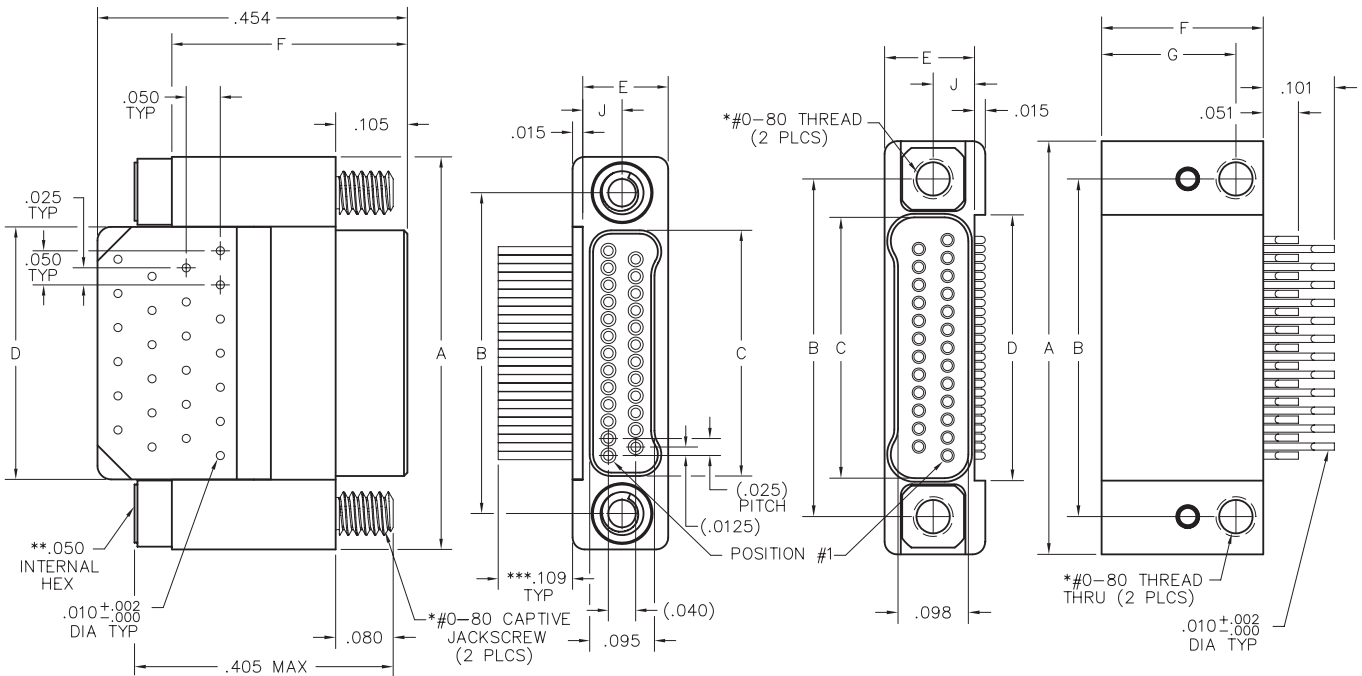
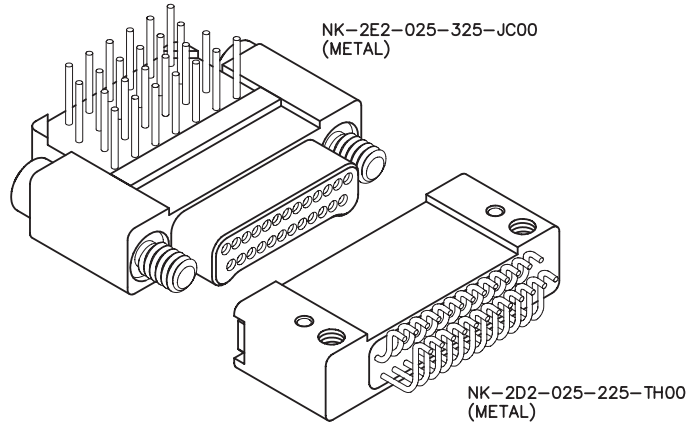


2 · ROW Flex to Board

.025"

NK, NK

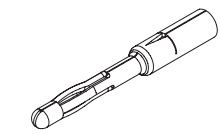
9 thru 85 Contacts



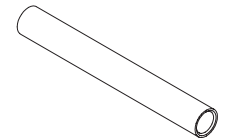
PLUG

RECEPTACLE

SIZE	DIMENSIONS										*HARDWARE	
	A	B	C		D	E	F		G	J		
			PLUG	RCPT			PLUG	RCPT				
9	.375	.270	.160	.163	.170							
15	.450	.345	.235	.238	.245							
21	.525	.420	.310	.313	.320							
25	.575	.470	.360	.363	.370							
31	.650	.545	.435	.438	.445	.125	.330	.225	.187	.0575	#0-80 THREAD	
37	.725	.620	.510	.513	.520							
51	.900	.795	.685	.688	.695							
65	1.075	.970	.860	.863	.870							
69	1.125	1.020	.910	.913	.920							
85	1.377	1.246	1.110	1.113	1.120	.150		.270	.210	.0700	#2-56 THREAD	



PIN CONTACT
3 TINE SPRING MEMBER,
CRIMP



SOCKET CONTACT
DRAWN TUBE, CRIMP

* = #2-56 UNC THREAD ON 85 POSITION CONNECTORS.
 ** = 1/16" HEX ON 85 POSITION CONNECTORS. HEX MEASUREMENT
 TAKEN ACROSS THE FLATS.
 *** = OTHER LENGTHS AS REQUIRED

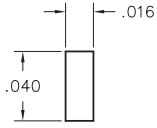
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REQUEST QUOTE

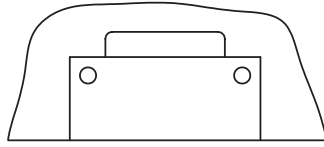
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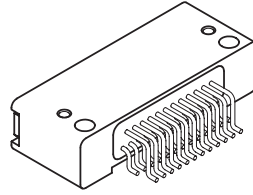
(800) 882-6414 | sales@geminelec.com



FOOTPRINT / PAD CONFIGURATION



PC BOARD LAYOUT COMPONENT SIDE

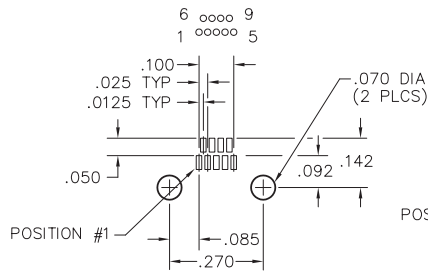


CONNECTOR MATING FACE

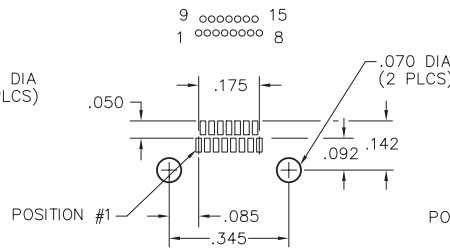
Recommended PC Board Layout

Horizontal SMT Receptacle
FOR REFERENCE ONLY

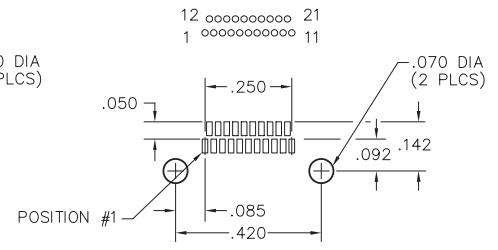
9 POSITION



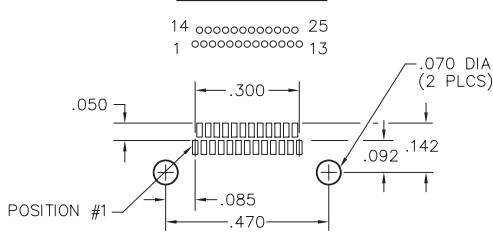
15 POSITION



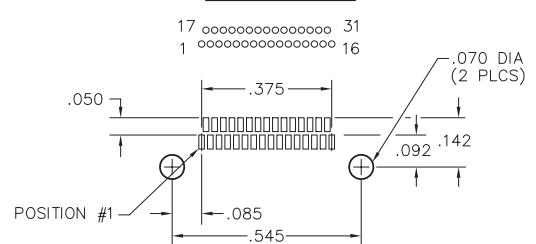
21 POSITION



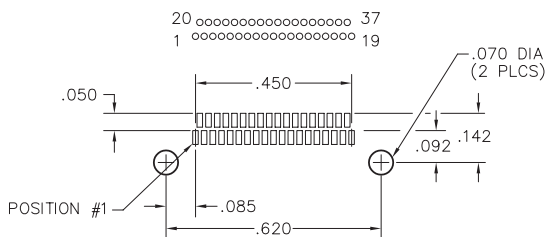
25 POSITION



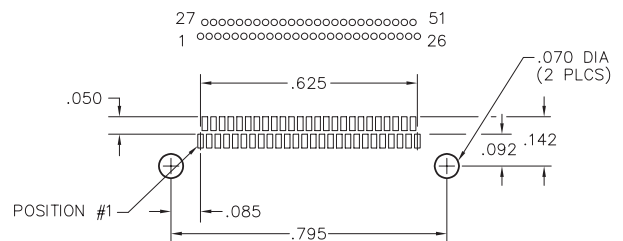
31 POSITION



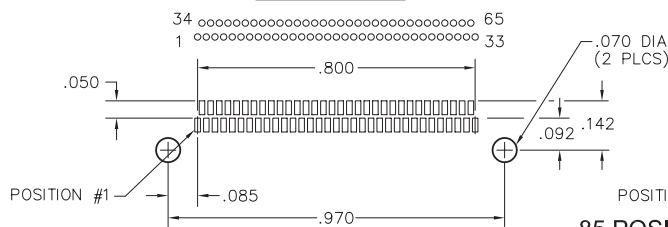
37 POSITION



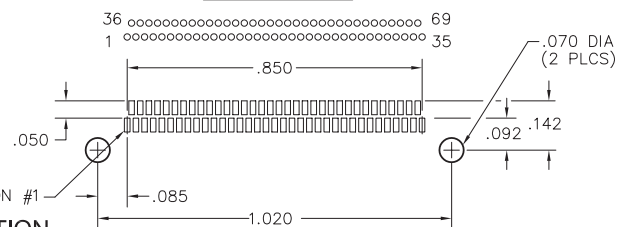
51 POSITION



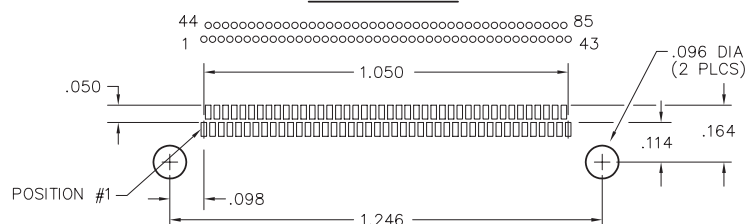
65 POSITION



69 POSITION



85 POSITION



— CLICK HERE —

REQUEST QUOTE

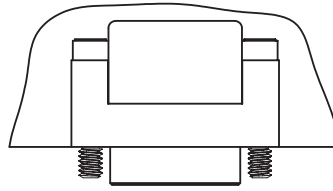
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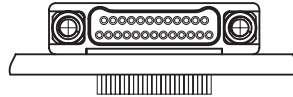
(800) 882-6414 | sales@geminelec.com

Recommended Flex Circuit Layout

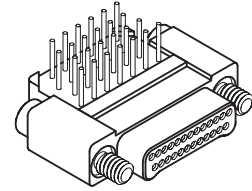
Right Angle Flex Mount PTH Plug
FOR REFERENCE ONLY



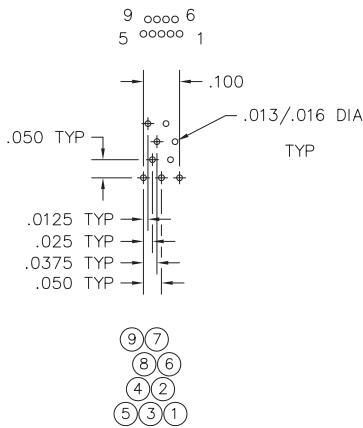
FLEX CIRCUIT LAYOUT
COMPONENT SIDE



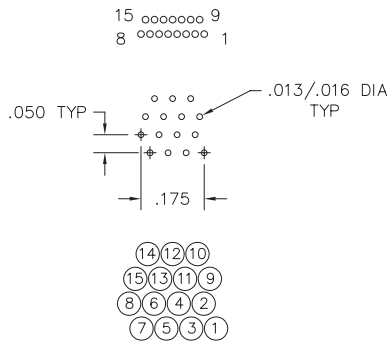
CONNECTOR MATING FACE



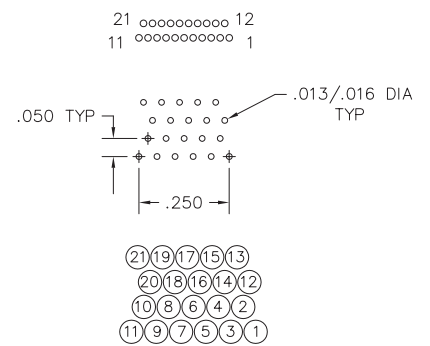
9 POSITION



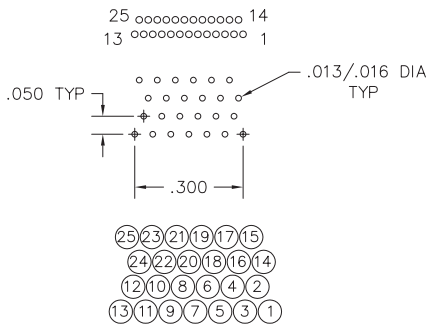
15 POSITION



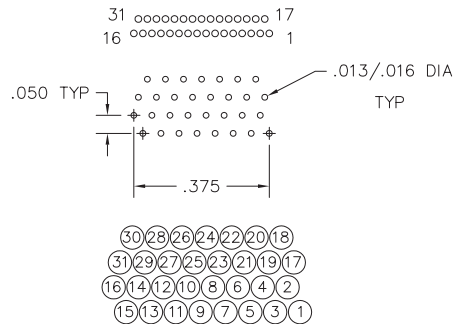
21 POSITION



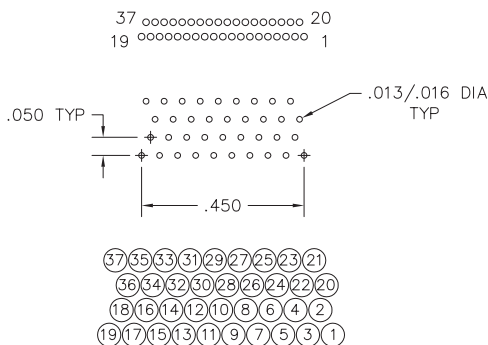
25 POSITION



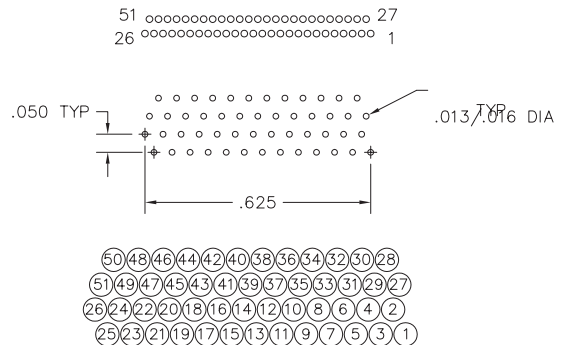
31 POSITION



37 POSITION



51 POSITION



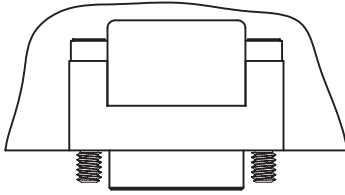
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REQUEST QUOTE

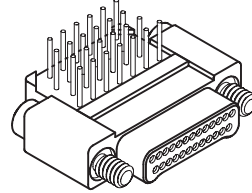
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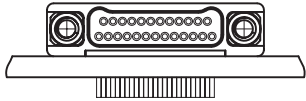


FLEX CIRCUIT LAYOUT
COMPONENT SIDE



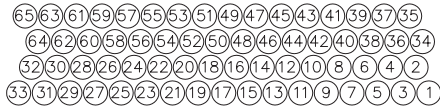
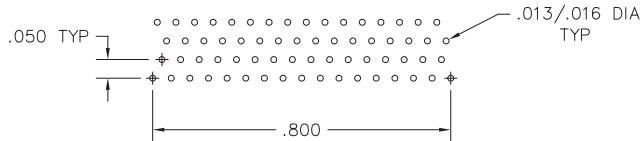
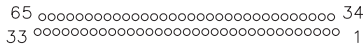
Recommended Flex Circuit Layout

Right Angle Flex Mount PTH Plug
FOR REFERENCE ONLY

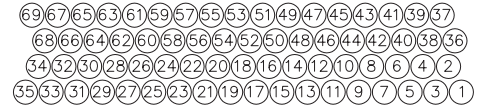
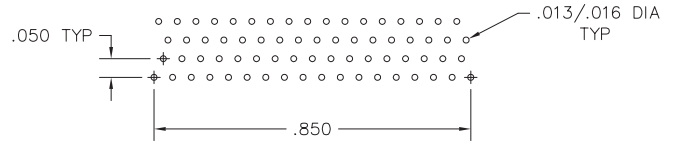
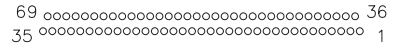


CONNECTOR MATING FACE

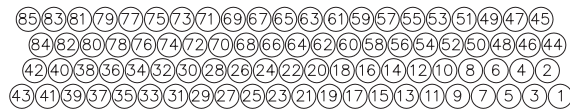
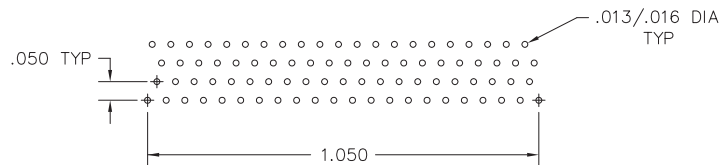
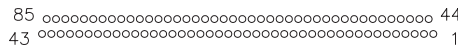
65 POSITION



69 POSITION



85 POSITION



PLUG: NK-2E2-025-325-JC00
RECEPTACLE: NK-2D2-025-225-TH00
 XX-XXX-XXX-XXX-XXXX

PLUG

RECEPTACLE

SERIES

NK .025" Metal PC Board Mounted Connector | NK .025" Metal PC Board Mounted Connector

BODY

2 2-Row	2 2-Row
BODY STYLE: E Plug, right angle, plated thru hole (PTH)	BODY STYLE: D Receptacle, horizontal mount SMT
BODY MATERIAL: 2 Liquid Crystal Polymer w/ electroless nickel shell 3 Liquid Crystal Polymer w/ electrodeposited cadmium shell <input checked="" type="checkbox"/>	BODY MATERIAL: 2 Liquid Crystal Polymer w/ electroless nickel shell 3 Liquid Crystal Polymer w/ electrodeposited cadmium shell <input checked="" type="checkbox"/>

SIZE

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

CONTACTS

TYPE CONTACTS/TERMINATIONS: 32 Pin, right angle, .109" 33 Pin, right angle, .140" 34 Pin, right angle, .172"	TYPE CONTACTS/TERMINATIONS: 22 Socket, SMT
PLATING OPTIONS: 5 50 u" Au contacts; Sn/Pb alloy terminations <input checked="" type="checkbox"/> 8 50 u" Au contacts; Tin plated terminations	PLATING OPTIONS: 5 50 u" Au contacts; Sn/Pb alloy terminations <input checked="" type="checkbox"/> 8 50 u" Au contacts; Tin plated terminations

HARDWARE

STYLE OF HARDWARE: 00 None JC Turning jackscrews, captivated #0-80 UNF*	STYLE OF HARDWARE: 00 None TH Threaded hole, #0-80 UNF*
WIRING OPTIONS: 00 None	WIRING OPTIONS: 00 None

* = #2-56 UNC thread on 85 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

