

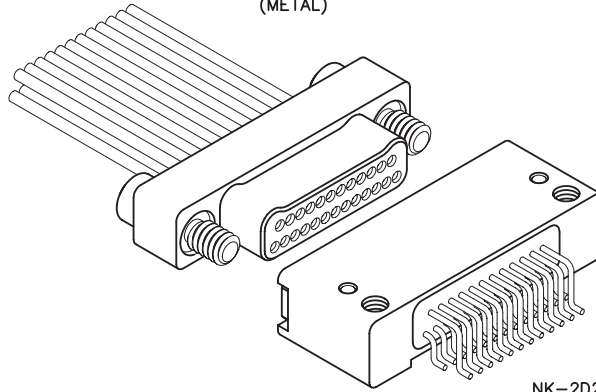
2 · ROW
Cable to Board
Horizontal SMT

.025"

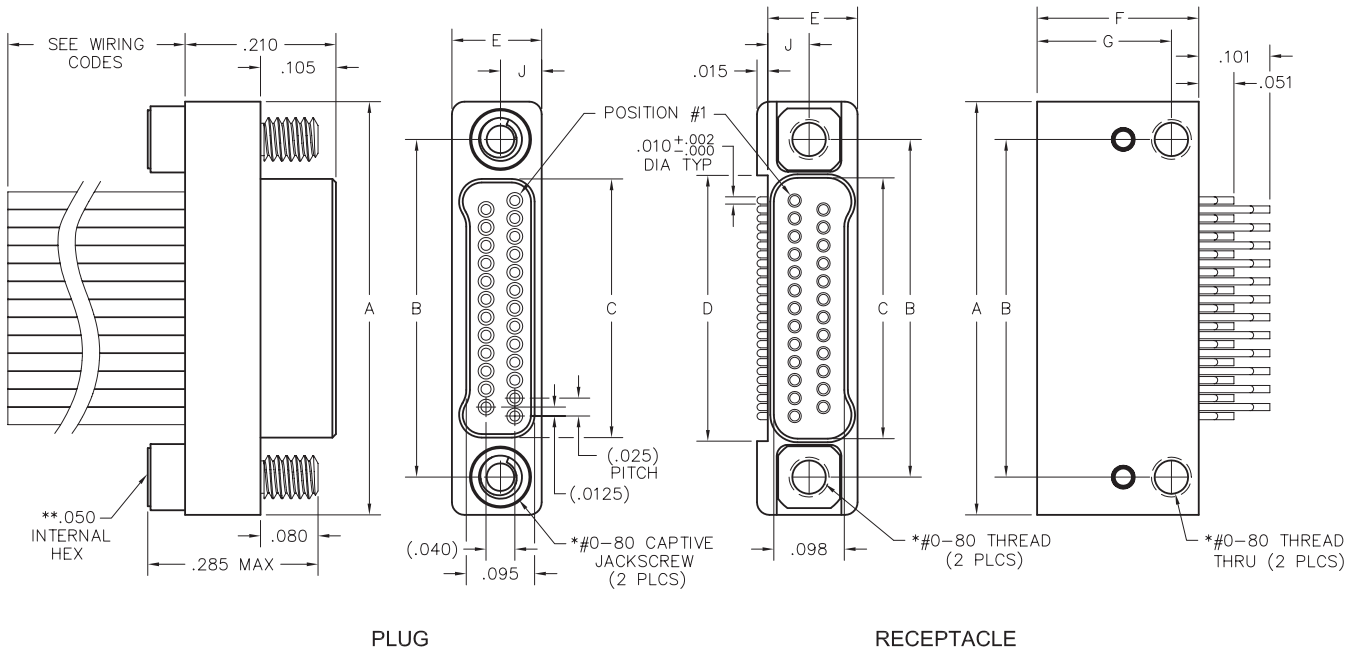
NM, NK

9 thru 85 Contacts

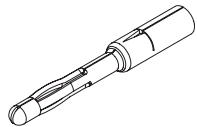
NM-212-025-161-JCAC
(METAL)



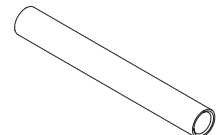
NK-2D2-025-225-TH00
(METAL)



SIZE	A	B	C		D	E	F	G	J	*HARDWARE
			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	.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 MEASUREMENTS TAKEN ACROSS THE FLATS.

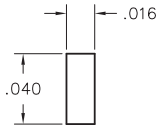
— CLICK HERE —

REQUEST QUOTE

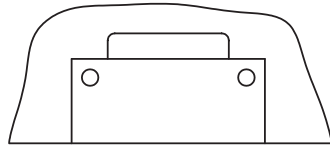
www.geminelec.com

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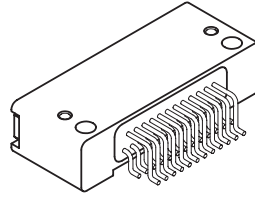
(800) 882-6414 | sales@geminelec.com



FOOTPRINT / PAD CONFIGURATION



PC BOARD LAYOUT COMPONENT SIDE

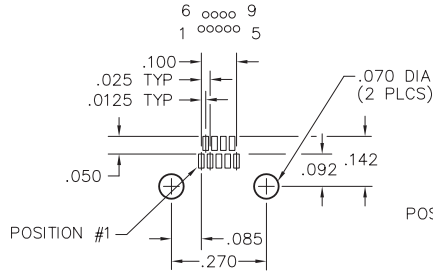


CONNECTOR MATING FACE

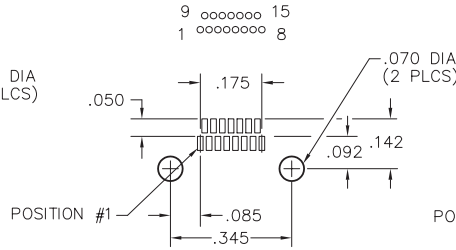
Recommended PC Board Layout

Horizontal SMT Receptacle FOR REFERENCE ONLY

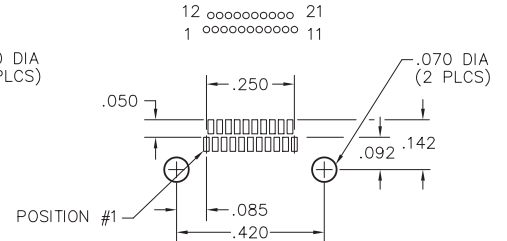
9 POSITION



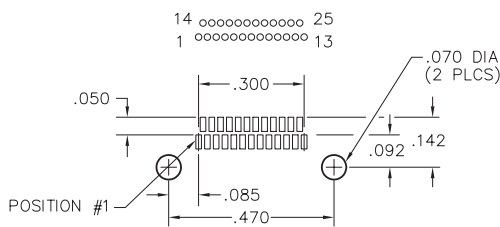
15 POSITION



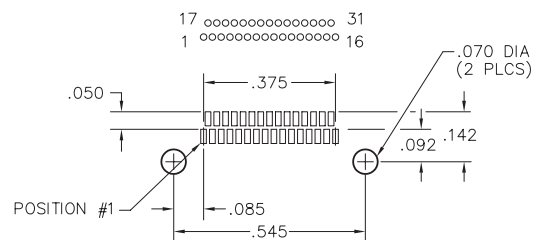
21 POSITION



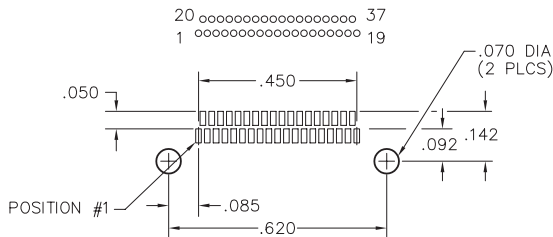
25 POSITION



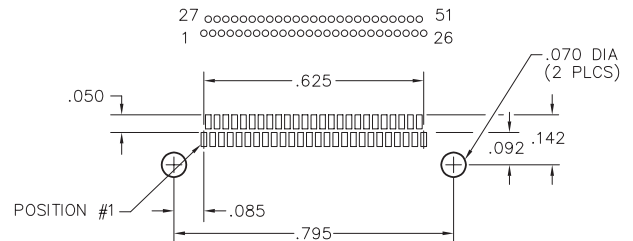
31 POSITION



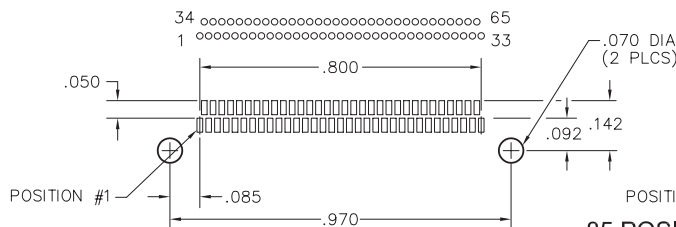
37 POSITION



51 POSITION



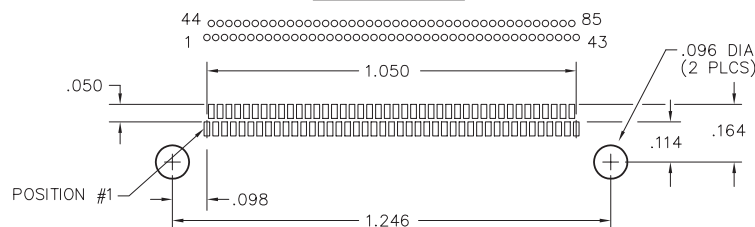
65 POSITION



69 POSITION



85 POSITION



— CLICK HERE —

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PLUG: NM-212-025-161-JCAC
RECEPTACLE: NK-2D2-025-225-TH00
XX-XXX-XXX-XXX-XXXX

PLUG	RECEPTACLE
SERIES	

NM .025" Metal I/O Connector	NK .025" Metal PC Board Mounted Connector
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BODY	
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2 2-Row BODY STYLE: 1 Plug, straight 5 Plug, straight, with factory installed backshell (See page NA-3) BODY MATERIAL: 2 Liquid Crystal Polymer w/ electroless nickel shell 3 Liquid Crystal Polymer w/ electrodeposited cadmium shell <input checked="" type="checkbox"/>	2 2-Row 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"/>
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SIZE	
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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)
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CONTACTS	
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TYPE CONTACTS/TERMINATIONS: 16 Pin, straight, crimped wire PLATING OPTIONS: 1 50 u" Au contacts	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
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HARDWARE	
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STYLE OF HARDWARE: 00 None JC Turning jackscrews, captivated #0-80 UNF* WIRING OPTIONS: XX See wiring codes, Page NA-2	STYLE OF HARDWARE: 00 None TH Threaded hole, #0-80 UNF* WIRING OPTIONS: 00 None
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* = #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

