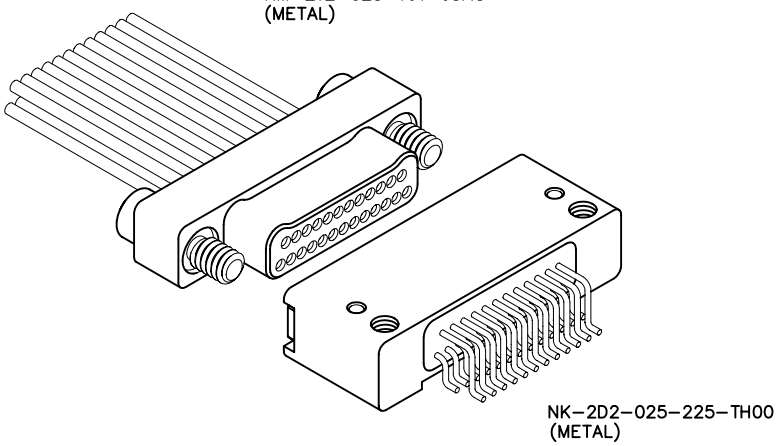
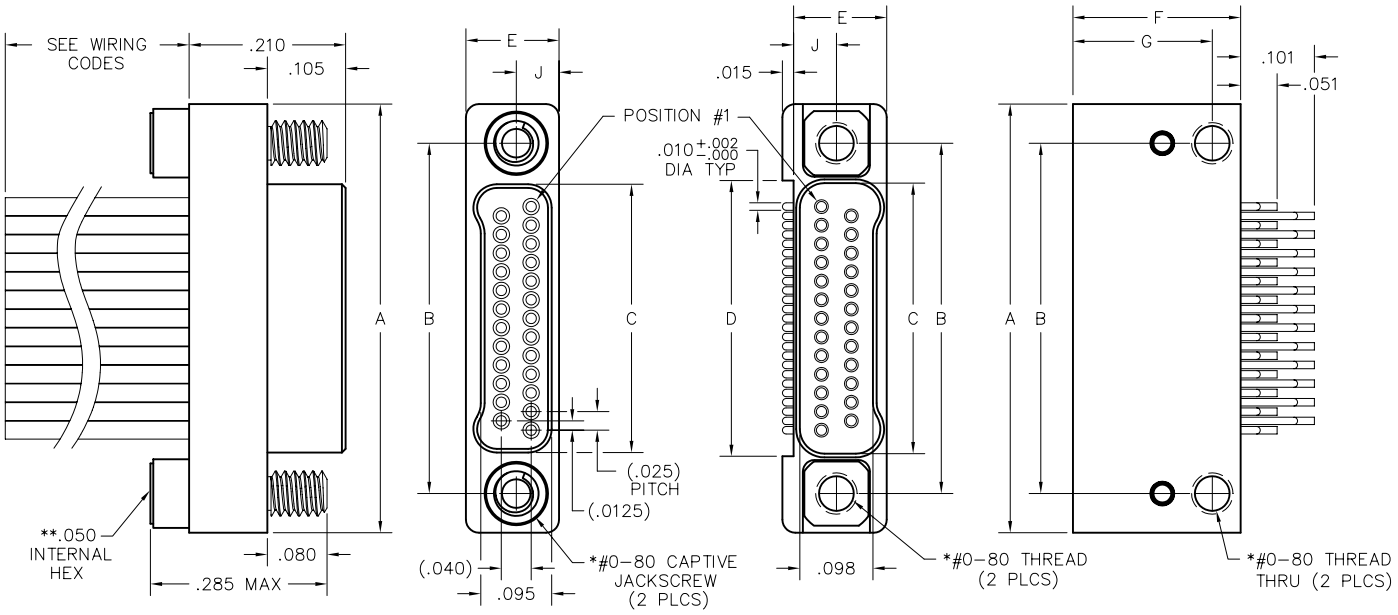
2 · ROW
Cable to Board
Horizontal SMT

.025"

NM, NK

9 thru 85 Contacts

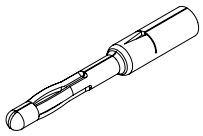




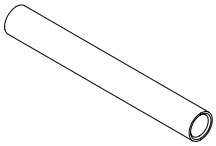
PLUG

RECEPTACLE

DIMENSIONS										
SIZE	A	B	C		D	E	F	G	J	*HARDWARE
			PLUG	RCPT						
9	.375	.270	.160	.163	.170	.125	.225	.187	.0575	#0–80 THREAD
15	.450	.345	.235	.238	.245					
21	.525	.420	.310	.313	.320					
25	.575	.470	.360	.363	.370					
31	.650	.545	.435	.438	.445					
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.

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

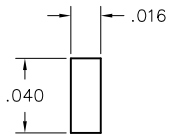
PLUG		RECEPTACLE	
SERIES			
NM	.025" Metal I/O Connector	NK	.025" Metal PC Board Mounted Connector
BODY			
2	2-Row	2	2-Row
	BODY STYLE:		BODY STYLE:
1	Plug, straight	D	Receptacle, horizontal mount SMT
5	Plug, straight, with factory installed backshell (See page NA-3)		
	BODY MATERIAL:		BODY MATERIAL:
2	Liquid Crystal Polymer w/ electroless nickel shell	2	Liquid Crystal Polymer w/ electroless nickel shell
3	Liquid Crystal Polymer w/ electrodeposited cadmium shell ☒	3	Liquid Crystal Polymer w/ electrodeposited cadmium shell ☒
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:		TYPE CONTACTS/TERMINATIONS:
16	Pin, straight, crimped wire	22	Socket, SMT
	PLATING OPTIONS:		PLATING OPTIONS:
1	50 u" Au contacts	5	50 u" Au contacts; Sn/Pb alloy terminations ☒
		8	50 u" Au contacts; Tin plated terminations
HARDWARE			
	STYLE OF HARDWARE:		STYLE OF HARDWARE:
00	None	00	None
JC	Turning jackscrews, captivated #0-80 UNF*	TH	Threaded hole, #0-80 UNF*
	WIRING OPTIONS:		WIRING OPTIONS:
XX	See wiring codes, Page NA-2	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.

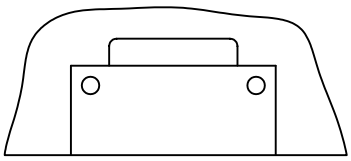
☒ = Option not RoHS compliant

Recommended PC Board Layout

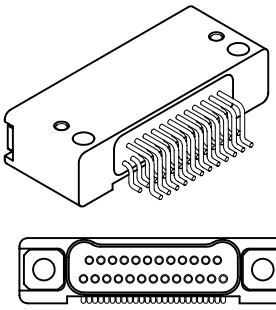
Horizontal SMT Receptacle
FOR REFERENCE ONLY



FOOTPRINT / PAD CONFIGURATION

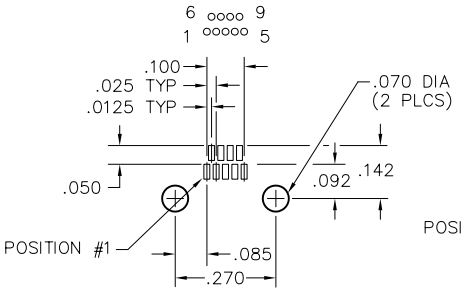


PC BOARD LAYOUT COMPONENT SIDE

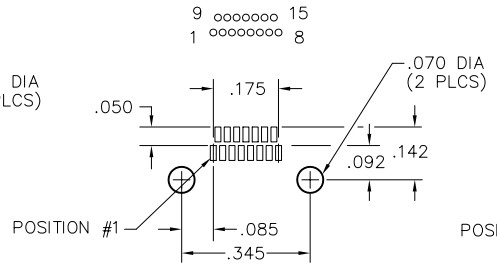


CONNECTOR MATING FACE

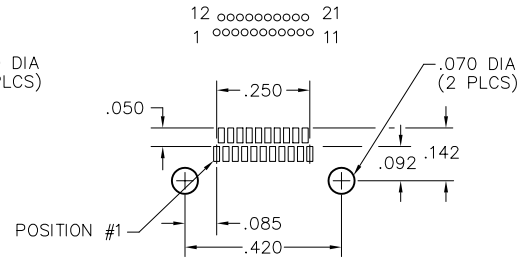
9 POSITION



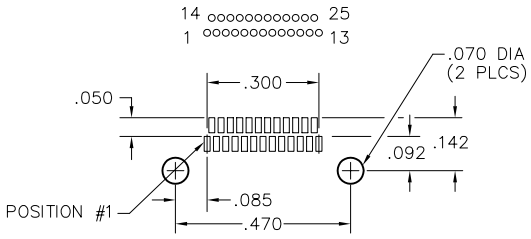
15 POSITION



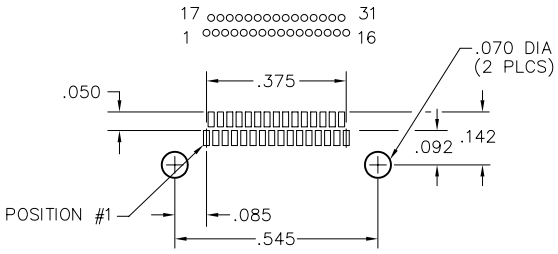
21 POSITION



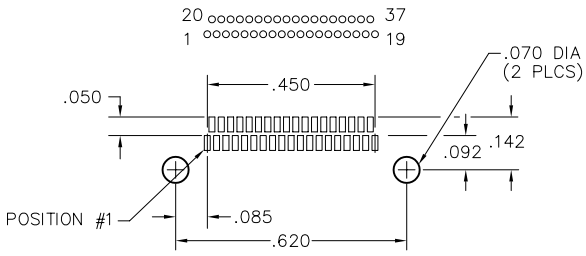
25 POSITION



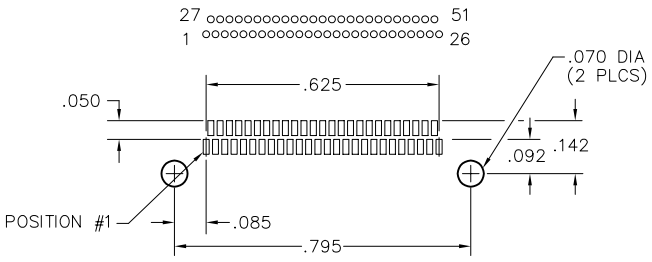
31 POSITION



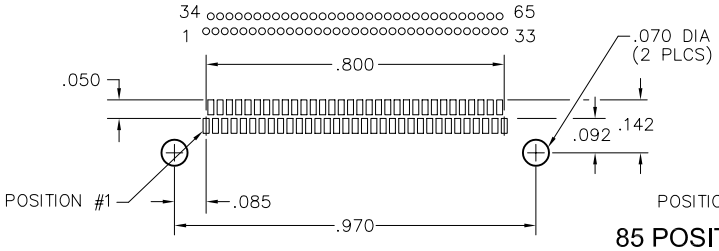
37 POSITION



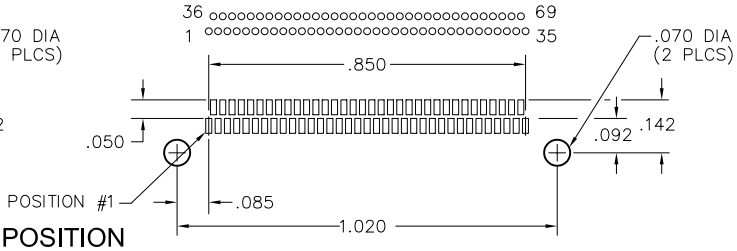
51 POSITION



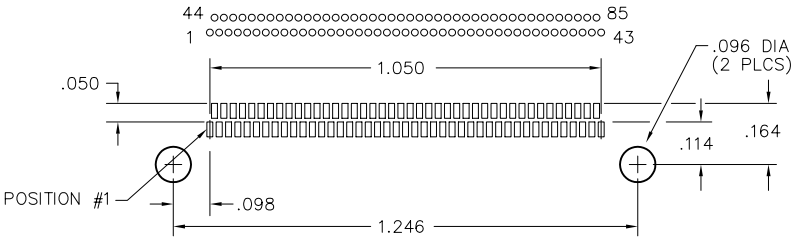
65 POSITION



69 POSITION

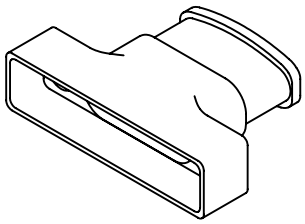


85 POSITION



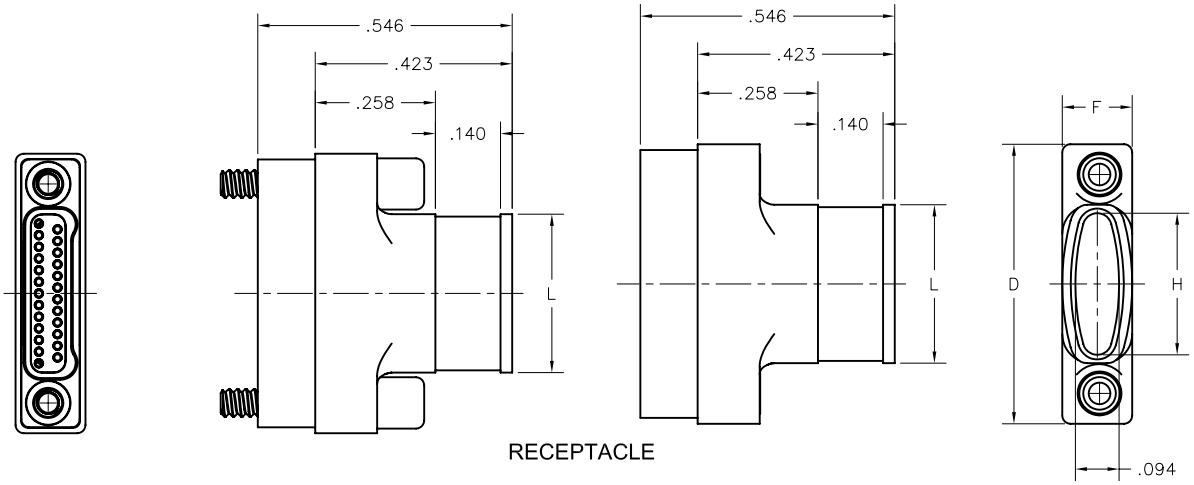
Ask About AirBorn's Accelerated Delivery Service

2 · ROW
BACKSHELLS

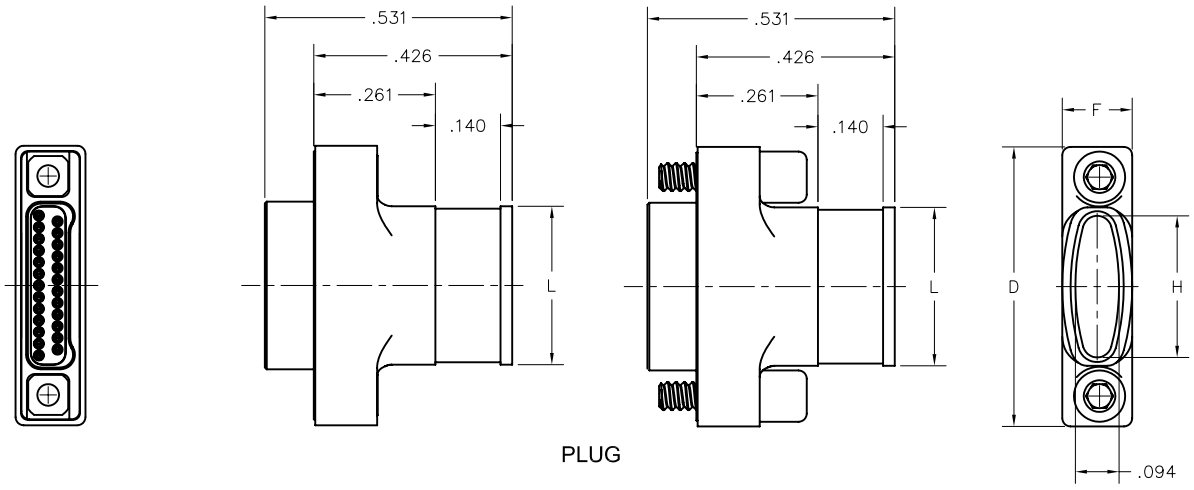


NM

Size 9 thru 85



RECEPTACLE



PLUG

DIMENSIONS					
SIZE	D	F	H	L	HARDWARE
9	.400	.150	.104	.140	#0–80
15	.475		.179	.215	
21	.550		.254	.290	
25	.600		.304	.340	
31	.675		.379	.415	
37	.750		.454	.490	
51	.925		.629	.665	
65	1.100		.804	.840	
69	1.150		.854	.890	
85	1.402	.175	1.054	1.090	#2–56

THESE BACKSHELLS ARE AVAILABLE FACTORY INSTALLED ONLY, SEE PAGE N-38

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Global Electronic Components Distributor

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RM332-059-111-5900 MM-232-037-000-4100 MM-312-069-113-0000 MM-322-069-2A3-0000
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