

Amphenol® High Density HDB³ Stacker Connector



DIMENSIONAL DRAWING & HOW TO ORDER

HDB³ STACKER APPLICATIONS

For applications that need or demand parallel boards

HDB³ STACKER - HOW TO ORDER

Mates with:

- Standard Mother Board



1. Connector Type

HDB-D4S

Designates HDB³ Stacker Connector

1.	2.	3.	4.	5.	6.
	Number of Contacts	Brush Wire Plating	Termination	Contact Termination Finish	Required Field
HDB-D4S	120	C	22	2	X

2. Number of Contacts

Number Diff Signals	Number of Contacts	Dimension A	Dimension C
040	40	1.375	1.075
060	60	1.725	1.425
080	80	2.075	1.775
120	120	2.775	2.475
160	160	3.475	3.175

3. Brush Wire Plating

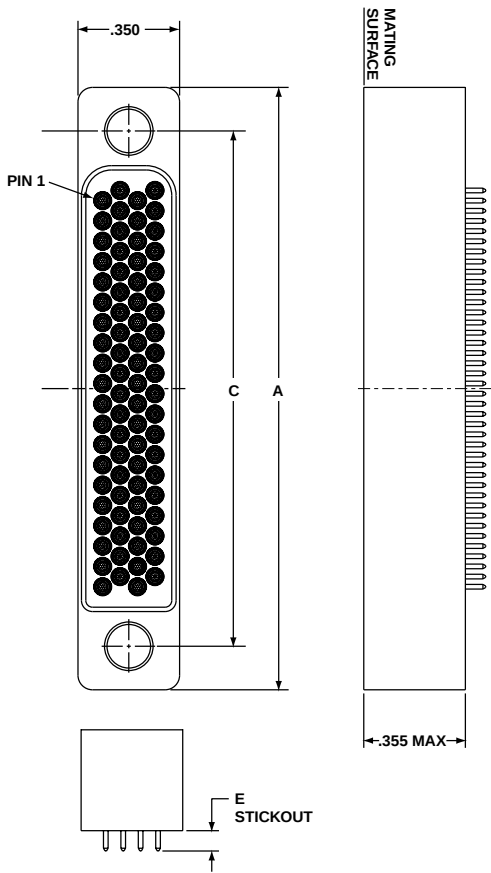
M	0.000050 Au Min. thick over Nickel
C	0.000020 Au Min. thick over Nickel

4. Termination

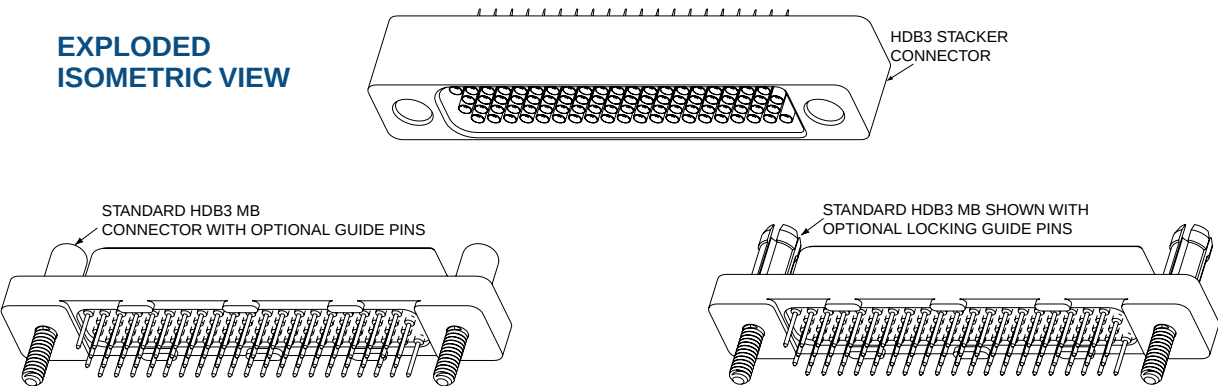
	Type	Stickout (Dim. E) ±.020
22	PCB, Straight, .016 Dia	0.100
23	PCB, Straight, .016 Dia	0.130
24	PCB, Straight, .016 Dia	0.160
28	PCB, Straight, .016 Dia	0.280

5. Contact Termination Finish

2	Gold plated in accordance with MIL-G-45204, Type II, .000030 Min. thick Gold over .000050 Min. thick Nickel
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EXPLODED ISOMETRIC VIEW



Introduction/
Pkg. Solutions/
Brush Contact

LRM (Line Replaceable Modules)

Staggered/
GEN-X

Hybrid - Fiber Optics/
Hi Speed/RF/Power

Options/
Accessories

Ruggedized
VME 64x/
VITA 60, 66

High Density
HDB³
HSB³
Hi Speed

Low Mating Force MIL-DTL-55302

Standard
Brush

Hybrid - Signal/Power/
Cook/Fiber Optics

Docking Conn./
Accessories/Install.

Rack & Panel
Brush

Ruggedized

UMD/LMS
Rectangular
Interconnects

Other
Rectangular
Interconnects

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