

HDB³ MOTHER BOARD - HOW TO ORDER

Mates with:

- Daughter Board
- I/O
- Stacker

1. Connector Type

HDB-M4

Designates HDB³ Mother Board

1.	2.	3.	4.	5.	6.
	Number of Contacts	Brush Wire Plating	Termination	Contact Termination Finish	Less Hardware (Purchased separately see pg XX for hardware options)
HDB-M4	-040	M	24	2	X

2. Number of Contacts

	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)
22	PCB, Straight, .016 Dia	0.120
23	PCB, Straight, .016 Dia	0.150
24	PCB, Straight, .016 Dia	0.180
26	PCB, Straight, .016 Dia	0.240
28	PCB, Straight, .016 Dia	0.300

5. Contact Termination Finish

2	Gold plated in accordance with MIL-G-45204, Type II, .000030 Min. thick Gold over .000050 Min. thick Nickel
5	Tin plated in accordance with ASTM B545, .00010 Min. thick Matte Tin over .00010 Min. thick Nickel
6	Tin-Lead plated in accordance with SAE-AMS-P-81728, .00010 Min. thick Tin-Lead over .00010 Min. thick Copper

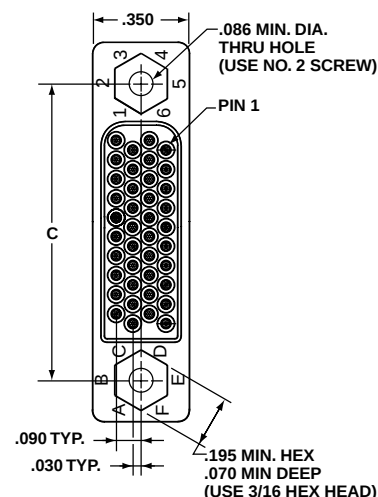
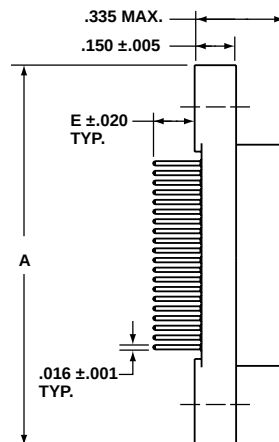
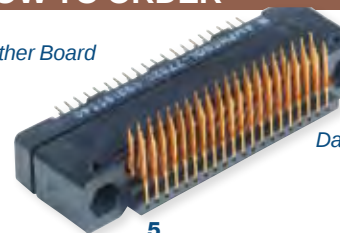
6. Hardware

X	Less Hardware
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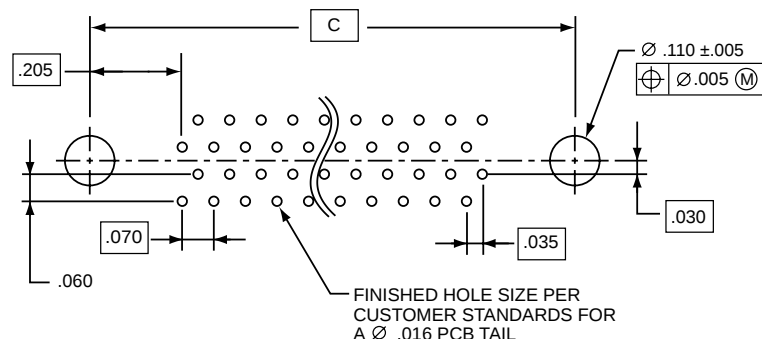
Hardware is purchased separately (see page 59 for hardware options).

Mother Board

Daughter Board



Mother Board Layout



Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

Amphenol:

[HDB-M4-060M222X](#) [HDB-M4-080M222X](#) [HDB-M4-040M222X](#) [HDB-M4-160M245X](#) [HDB-M4-080M225G](#) [HDB-M4-120M245B](#) [HDB-M4-040C235T](#) [HDB-M4-080C222T](#) [HDB-M4-040C225W](#) [HDB-M4-120M225G](#) [HDB-M4-120M225W](#) [HDB-M4-120M222X](#) [HDB-M4-040M242X](#) [HDB-M4-060M242X](#) [HDB-M4-080M242X](#) [HDB-M4-120M242X](#) [HDB-M4-040M225X](#) [HDB-M4-120M245X](#) [HDB-M4-060M225X](#) [HDB-M4-080M225X](#) [HDB-M4-120M225X](#) [HDB-M4-040M245X](#) [HDB-M4-060M245X](#) [HDB-M4-080M245X](#)