

DIMENSIONAL DRAWING & HOW TO ORDER

HSB³ HIGH SPEED DAUGHTER BOARD - HOW TO ORDER

Mates with:

- High Speed Mother Board

	1.	2.	3.	4.	5.	6.	7.
	Number of Differential Pairs	Differential Signals	Brush Wire Plating	Termination	Contact Termination Finish	Less Hardware (Purchased separately see pg 10 for hardware options)	
HSB-D4	-03	D	M	02	2	X	

1. Connector Type

HSB-D4

Designates High Speed HSB³ Daughter Board

2. Number of Contacts

Number Diff Pairs	No. Low Speed Signals	Dimension A	Dimension D
03	20	1.375	1.075
05	30	1.725	1.425
07	40	2.075	1.775
10	60	2.775	2.475
13	80	3.475	3.175

3. Differential Signals

D	Standard
----------	----------

4. Brush Wire Plating

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

5. Termination

	Type	Stickout (Dim. E)
01	PCB, Right Angle, .016 Dia	0.090
02	PCB, Right Angle, .016 Dia	0.120
03	PCB, Right Angle, .016 Dia	0.150
04	PCB, Right Angle, .016 Dia	0.180
06	PCB, Right Angle, .016 Dia	0.300

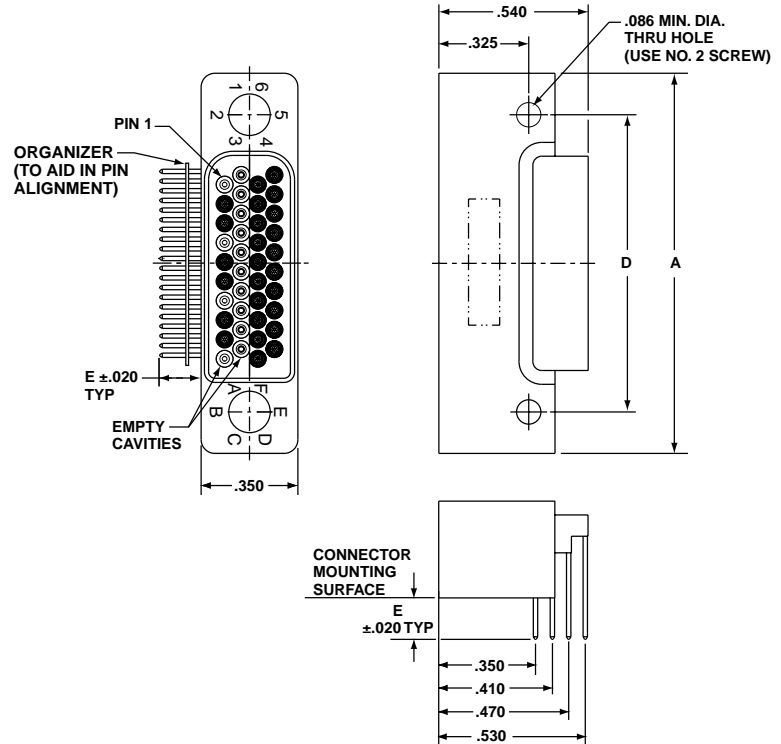
6. Contact Termination Finish

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

7. Hardware

X	Less Hardware
----------	---------------

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



Introduction/
Pkg. Solutions/
Brush Contact

LRM (Line Replaceable Modules)
Staggered/ Hybrids - Fiber Optics/
GEN-X

Options/
Accessories

Ruggedized
VME 64x/
VITA 60, 66

High Density
HBS³
HSB³
H Speed

Low Mating Force MIL-DTL-55302
Standard Brush
Hybrids - Signal/Power/
Coax/Fiber Optics

Docking Conn./
Accessories/Install.

Rack & Panel
Brush
Ruggedized

LRM/LMS
Rectangular
Interconnects

Other
Rectangular
Interconnects

Mouser Electronics

Authorized Distributor

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

[Amphenol:](#)

[HSB-D4-03DM012X](#) [HSB-D4-03DC016X](#) [HSB-D4-03DC025X](#) [HSB-D4-03DM022X](#) [HSB-D4-07DM035P](#) [HSB-D4-03DC035X](#) [HSB-D4-07DM046X](#) [HSB-D4-07DM022X](#) [HSB-D4-07DM042X](#) [HSB-D4-05DM022X](#) [HSB-D4-10DM022X](#) [HSB-D4-13DM022X](#) [HSB-D4S03DM222X](#)