

STACKER HSB-D4S XXD X XX X X
EXAMPLE: HSB-D4S03DC232

REQUIRED FIELD

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. (5)
6	TIN-LEAD PLATED IN ACCORDANCE WITH SAF-AMS-P-81728, .00010 MIN THICK TIN-LEAD OVER .00010 MIN THICK COPPER.

TERMINATION	
TYPE	STICKOUT (DIM E)
22 PCB, STRAIGHT, .016 DIA.	.100
23 PCB, STRAIGHT, .016 DIA.	.130
24 PCB, STRAIGHT, .016 DIA.	.160
28 PCB, STRAIGHT, .016 DIA.	.280

BRUSH WIRE PLATING (CONTACT INTERFACE)	
M	0.000050 Au MIN THK OVER NICKEL
C	0.000020 Au MIN THK OVER NICKEL

DIFFERENTIAL SIGNAL

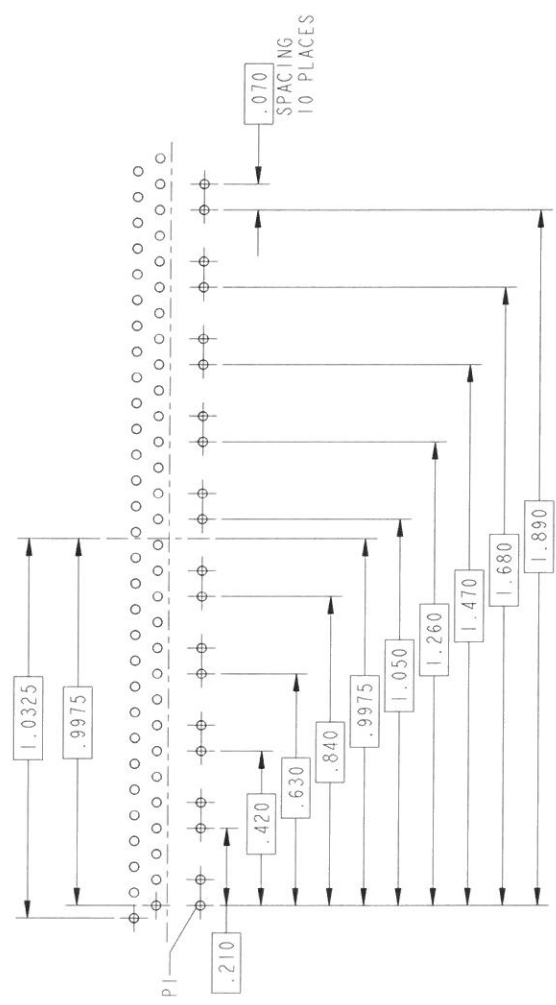
CONNECTOR DIMENSIONS		
NUMBER OF DIFF SIGNALS	DIMENSION A	DIMENSION B
03	26 1.375	1.075
05	40 1.725	1.425
07	54 2.075	1.775
10	80 2.775	2.475
13	106 3.475	3.175

HIGHSPEED/HIGH DENSITY BRUSH

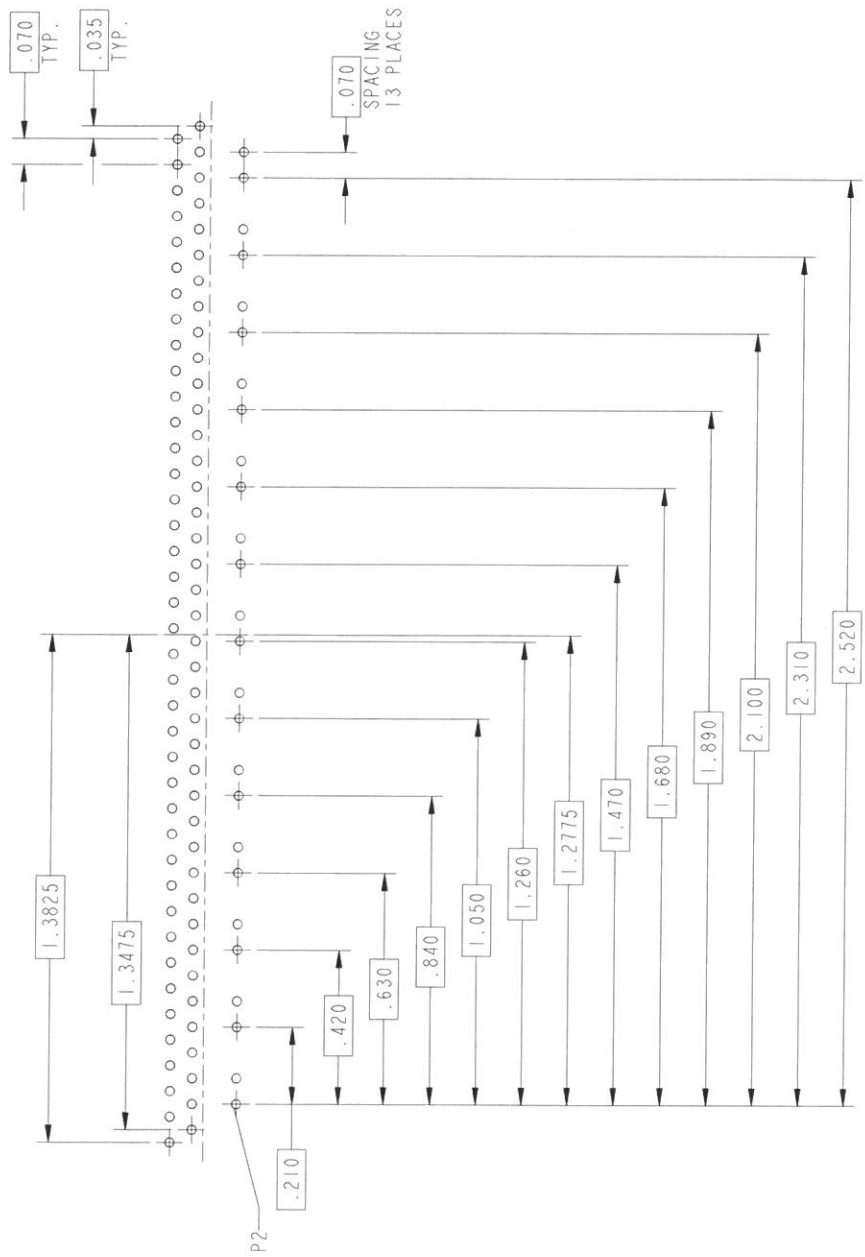
NOTES: SEE SHEET 5

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10 DIFFERENTIAL PAIR
SCALE 4.000



SUGGESTED STACKER BOARD LAYOUT
FOR 13 DIFFERENTIAL PAIR.
COMPONENT SIDE

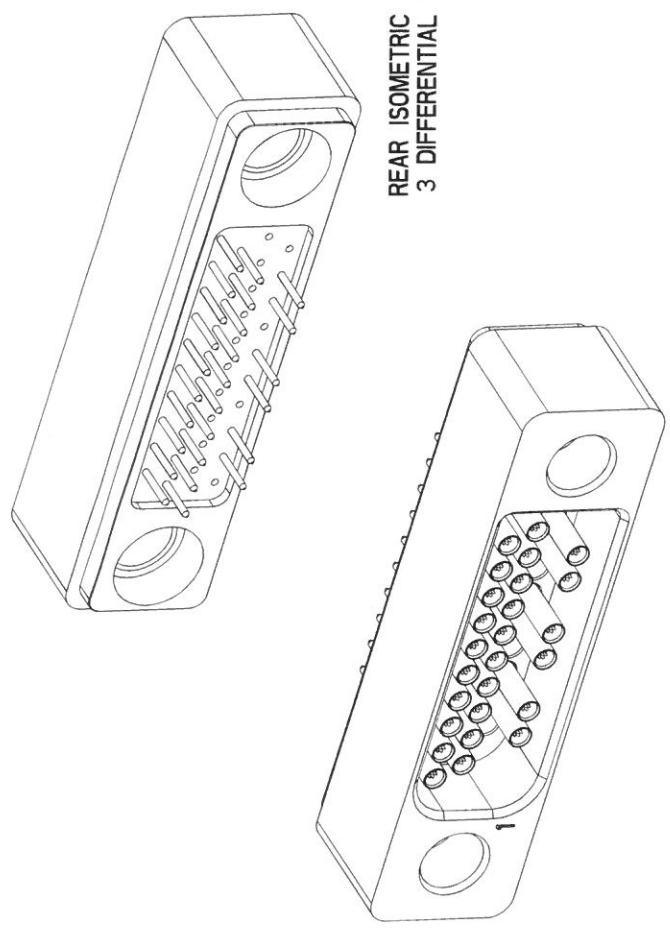


13 DIFFERENTIAL PAIR
SCALE 4.000

SEE SHEET 5

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FRONT ISOMETRIC VIEW
3 DIFFERENTIAL PAIR

REAR ISOMETRIC VIEW
3 DIFFERENTIAL PAIR

5. RoHS COMPLIANT FOR TERMINATION FINISH TIN PLATE OVER NICKEL.
4. FOR MATING CONNECTOR ASSEMBLY SEE DRAWING HSB-M4-XXXXXXX.
3. BRUSH CONTACTS COME ASSEMBLED AND ARE NOT REPLACEABLE.
2. INDICATED DIMENSION IS TO POINT OF ELECTRICAL ENGAGEMENT.
1. INK STAMP BLACK "AMPHENOL" 77820, PART NUMBER AND DATE CODE ON INDICATED SURFACE PER 9-3856-5. DATE CODE PER 9-3895. CHARACTERS TO BE .062±.020 HIGH. ADDITIONAL INFORMATION MAY BE REQUESTED BY PURCHASE ORDER.

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