

PRODUCT NUMBER
SEE TABLE, SHEET 3

RETAINER

25.9±0.15

SEE NOTE 5

IMLA

HOUSING

(1)

19.9±0.1

(2)
5x

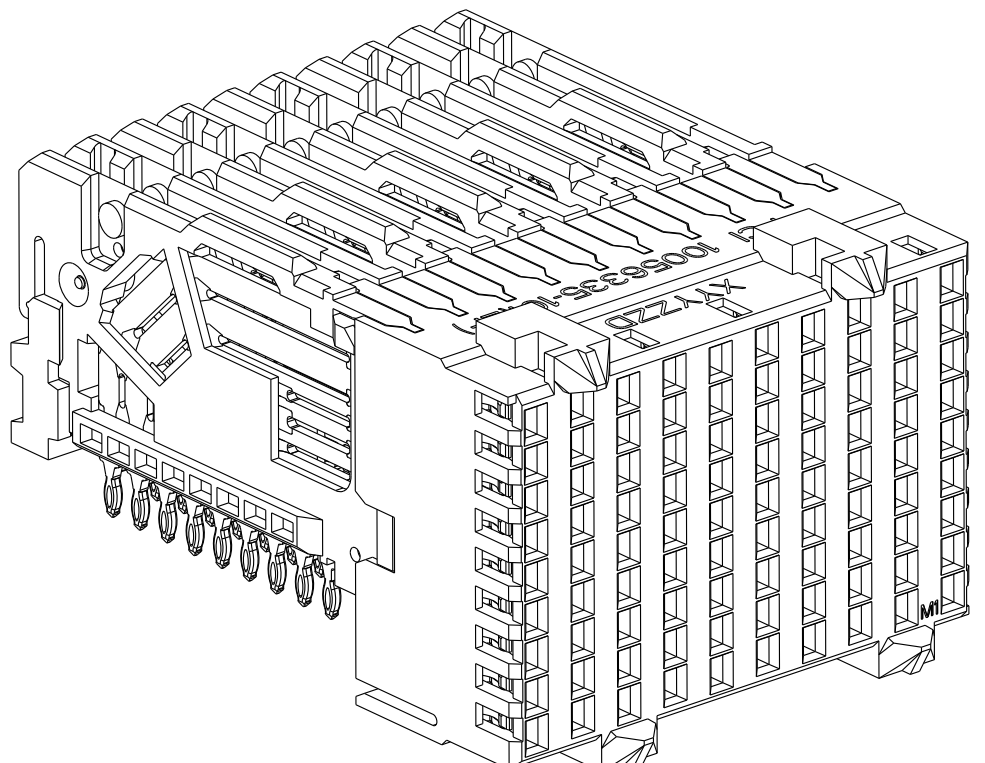
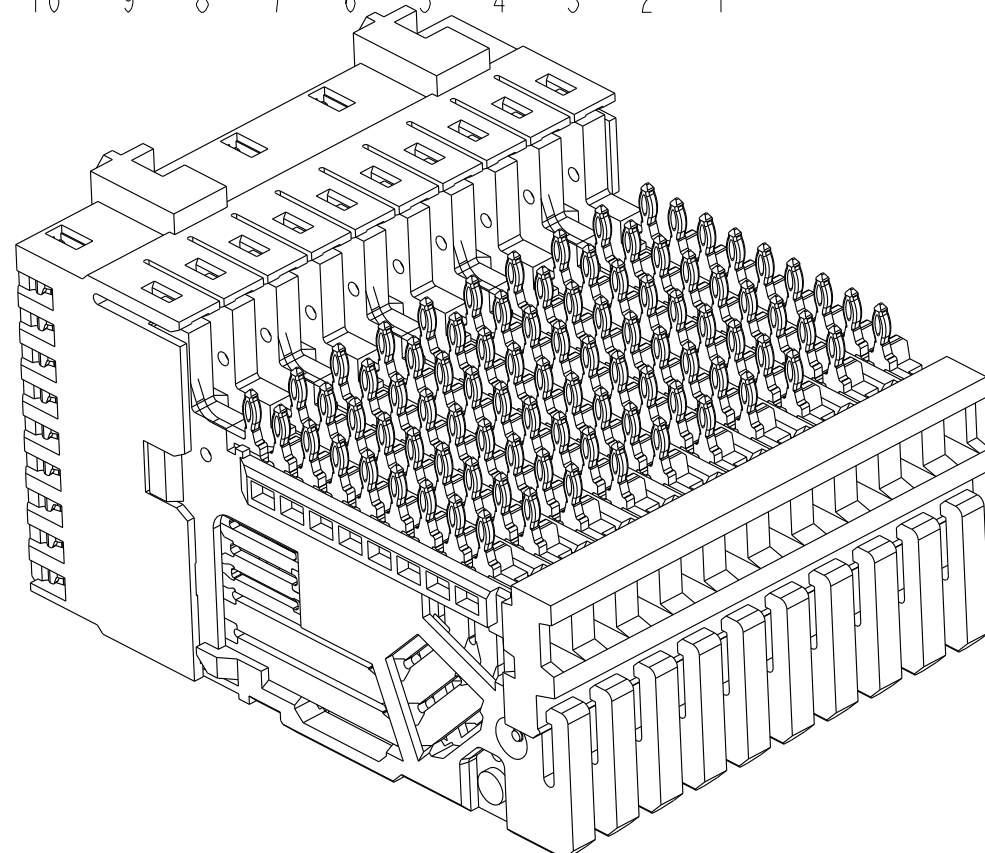
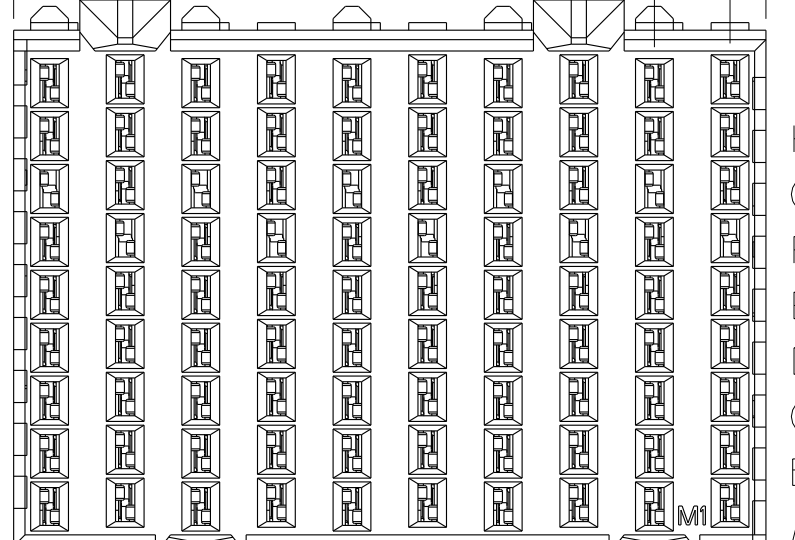
11.05±0.1

1.6±0.1
90°

(1.4) (80x)

(2.35)

⌀ OF IMLA'S
2, 4, 6 AND 8



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rev	ecn no	dr	date
A	H06-0054	VWO	2006-04-07
B	S08-0036	LS	2008-02-11
C	S08-0248	LS	2008-07-29
D	S09-0324	KHL	2009-10-20
E	S09-0404	KHL	2009-12-10
-	-	-	-
-	-	-	-

www.fciconnect.com		surface	tolerance std	projection	mm
		✓			
TOLERANCES UNLESS OTHERWISE SPECIFIED					
Dr	H V WOENSEL	2005-06-21	ANGULAR	0.X	±0.3
Eng	L S NGWE	2008-07-29	LINEAR	0.XX	±0.10
Chr	KH LEE	2009-12-10	0° ±°	0.XXX	±0.050
Appr	JOEY NG	2009-12-10	Product family	-	Spec ref
			size		A3
			ECN		S09-0404
FCI			Title		AirMax VS (tm) R.A Recpt
			Ass'y, 3pair, 90pos, 10 IMLA, 2 mm		Rev. E
			catalog no		-
			dwg no		10056335
			CUSTOMER		sheet 1 of 3

1

2

3

4

A

B

C

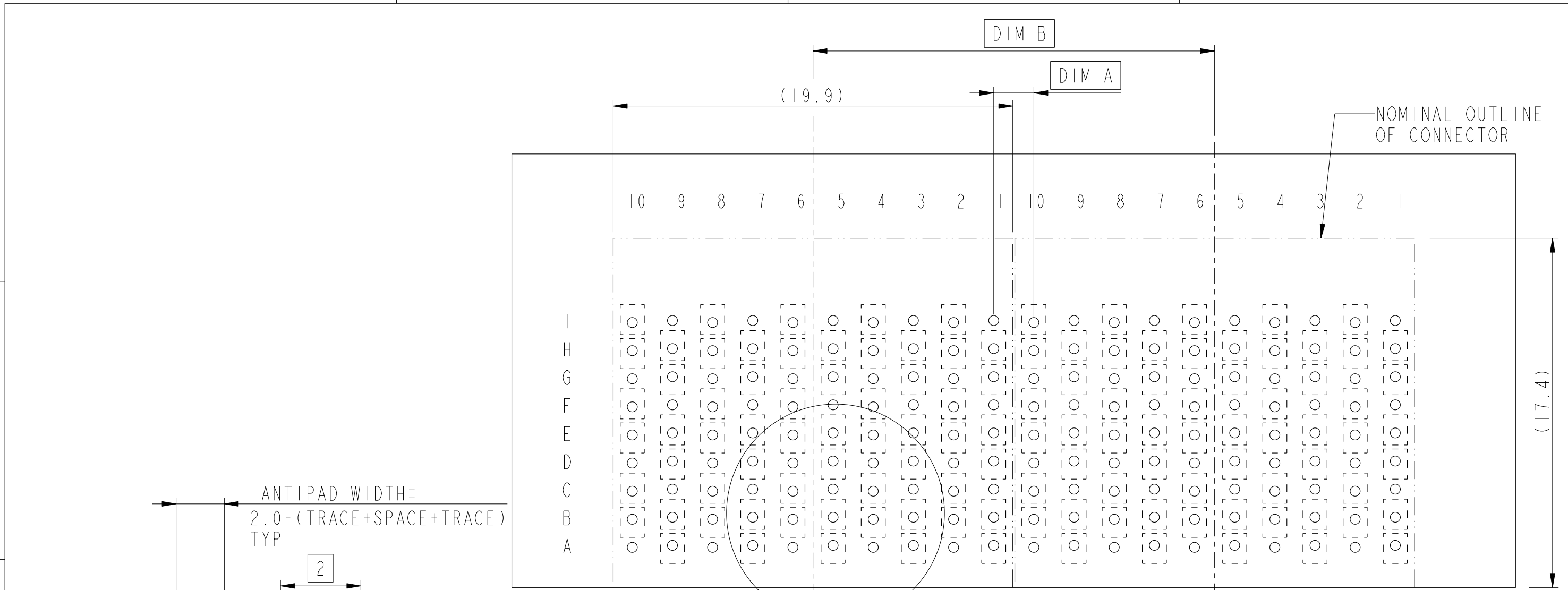
D

A

B

C

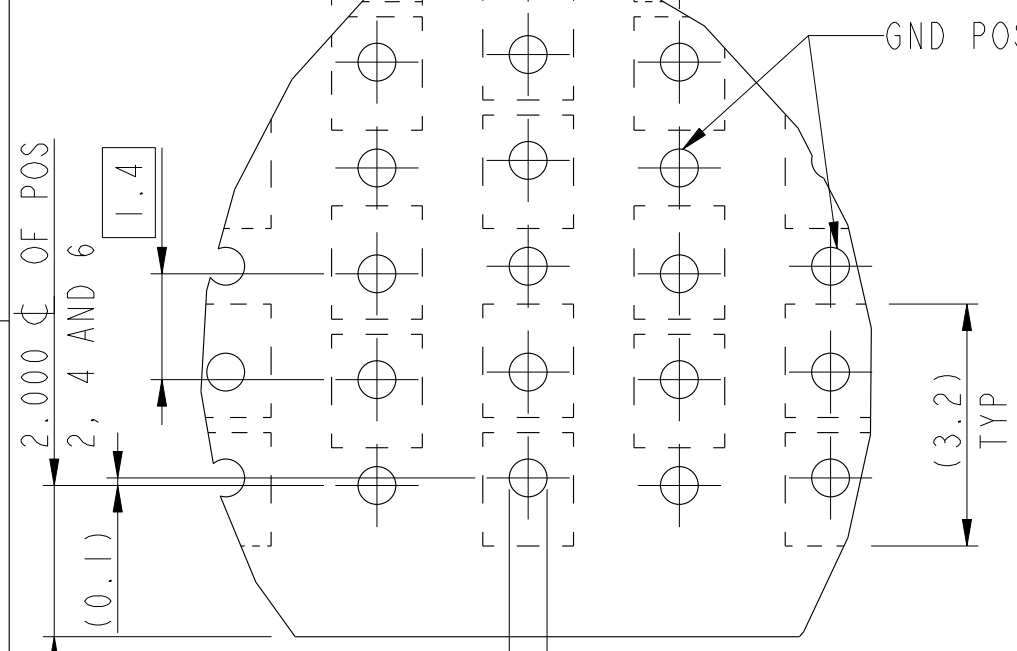
D



ANTIPAD WIDTH=
 $2.0 - (\text{TRACE} + \text{SPACE} + \text{TRACE})$
 TYP

SEE DETAIL A

RECOMMENDED PCB LAYOUT
 FOR DIFFERENTIAL APPLICATIONS
 COMPONENT SIDE
 (TWO ADJACENT FOOTPRINTS SHOWN)



DETAIL A
 SCALE 10:1

SEE NOTE 7
 $\varnothing 0.1$
 ALL HOLES

ADJACENT HEADER WIDTH	DIM A	DIM B
20MM/20MM	2MM	20MM
20MM/22MM	3MM	21MM
22MM/22MM	4MM	22MM

	Title AirMax VS (tm) R.A Recpt Ass'y, 3pair, 90pos, 10 IMLA, 2 mm	dwg no 10056335	Rev. E
	catalog no -	CUSTOMER	sheet 2 of 3

2

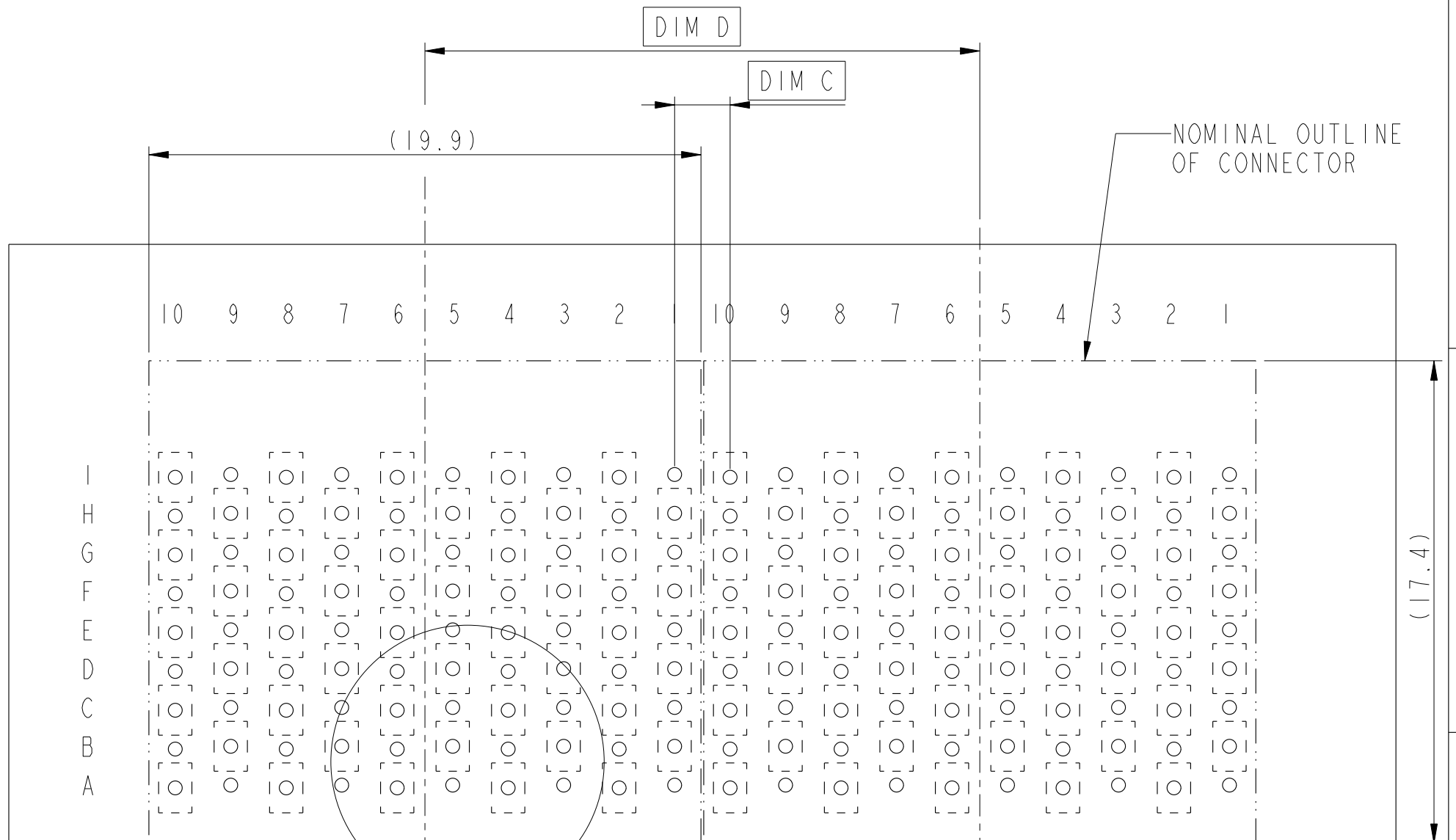
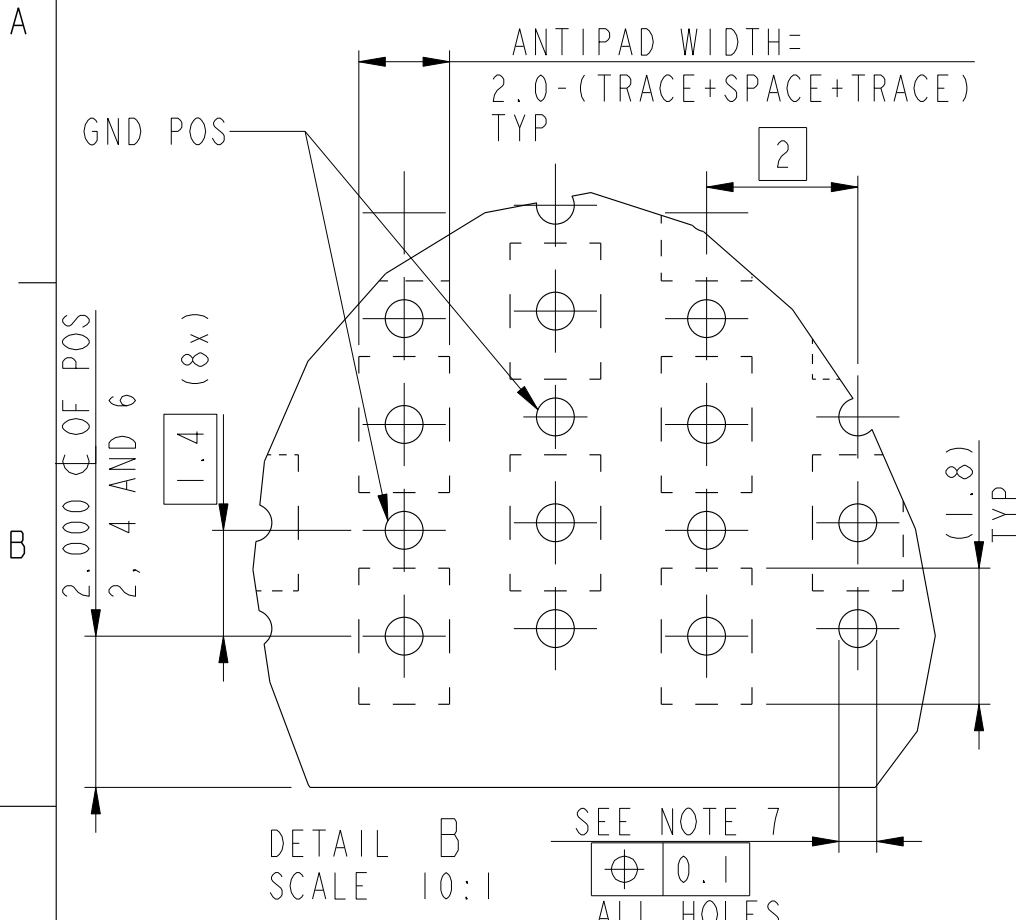
3

PDM: Rev:E

STATUS: Released

Printed: Dec 22, 2009

PART NUMBER	PRESS FIT TAIL PLATING TYPE
10056335-101	TIN/LEAD ALLOY OVER NICKEL
10056335-101LF	LEAD FREE



NOTES:

- CONNECTOR MATERIALS:
HOUSING & RETAINER: HIGH TEMP THERMOPLASTIC, NATURAL, UL94V-0
IMLA PLASTIC: HIGH TEMP PLASTIC, BLACK, UL94V-0
CONTACT: COPPER ALLOY
- CONTACT PLATING:
SEPARABLE INTERFACE: PERFORMANCE BASED PLATING, QUALIFIED TO MEET THE REQUIREMENTS OF FCI PRODUCT SPECIFICATION GS-12-239, INCLUDING TELCORDIA GR-1217-CORE (NOV 1995) CENTRAL OFFICE TEST SEQUENCE.
PRESS-FIT TAILS: SEE TABLE
- PRODUCT SPECIFICATION: GS-12-239
- APPLICATION SPECIFICATION: GS-20-035
- PRODUCT MARKING, (PARTNUMBER & LOT CODE), ON THIS SURFACE
- THERE IS NO GROUND BUSSING WITHIN THE CONNECTOR SYSTEM.
- SEE CUSTOMER DRAWING 10045979 FOR INFORMATION ON PCB HOLE DIAMETER AND PLATING OPTIONS
- THIS PRODUCT MEETS EUROPEAN UNION DIRECTIVES AND OTHER COUNTRY REGULATIONS AS DESCRIBED IN GS-22-008.
- THE HOUSING WILL WITHSTAND EXPOSURE TO 260 °C PEAK TEMPERATURE FOR 40 SECONDS IN A CONVECTION, INFRA-RED OR VAPOR PHASE REFLOW OVEN.

RECOMMENDED PCB LAYOUT
FOR SINGLE ENDED APPLICATIONS
COMPONENT SIDE
(TWO ADJACENT FOOTPRINTS SHOWN)

ADJACENT HEADER WIDTH	DIM C	DIM D
20MM/20MM	2MM	20MM
20MM/22MM	3MM	21MM
22MM/22MM	4MM	22MM

10. PACKAGING MEETS GS-14-920 LEAD FREE LABELLING SPECIFICATION.
 II. A \triangle SYMBOL WILL BE NEXT TO ANY DIMENSION, VIEW, OR NOTE WHICH HAS BEEN MODIFIED WITH THE CURRENT DRAWING REVISION.



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	catalog no -	CUSTOMER	sheet 3 of 3