



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



Contact us

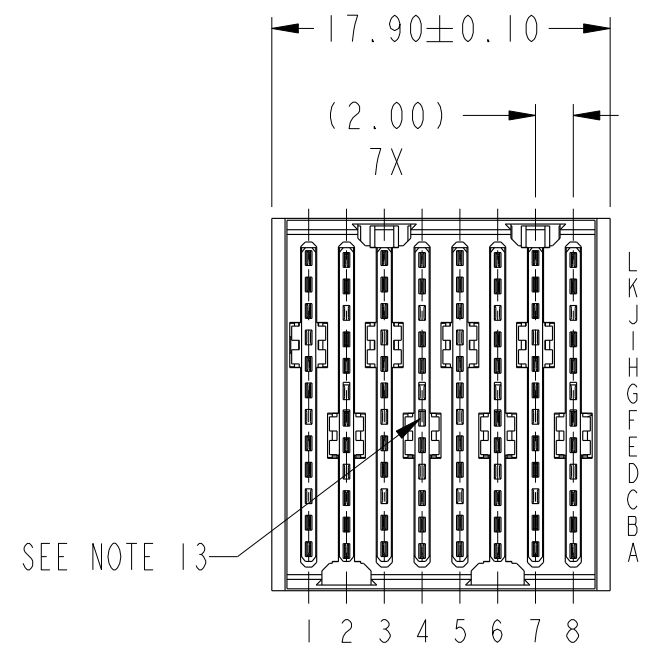
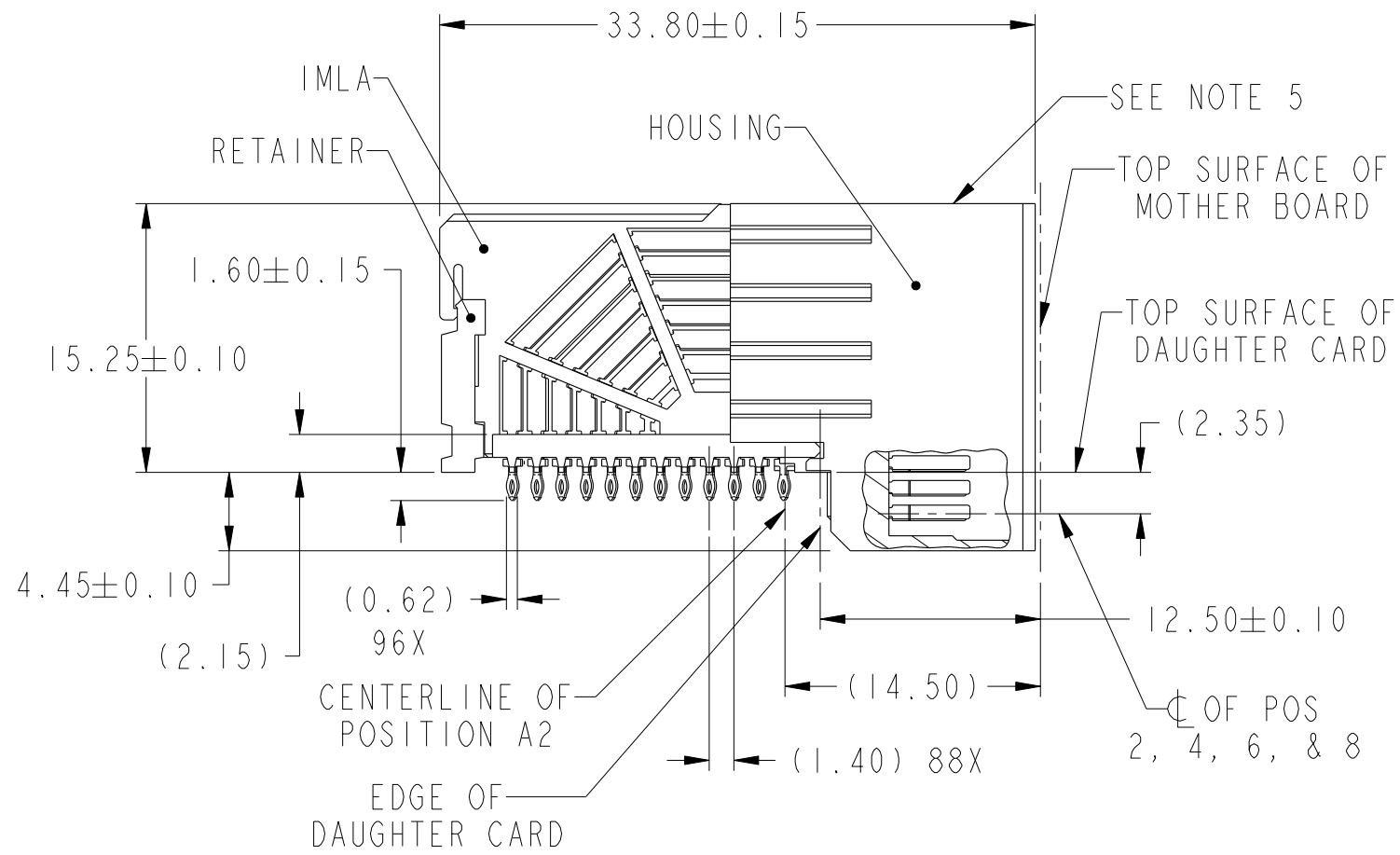
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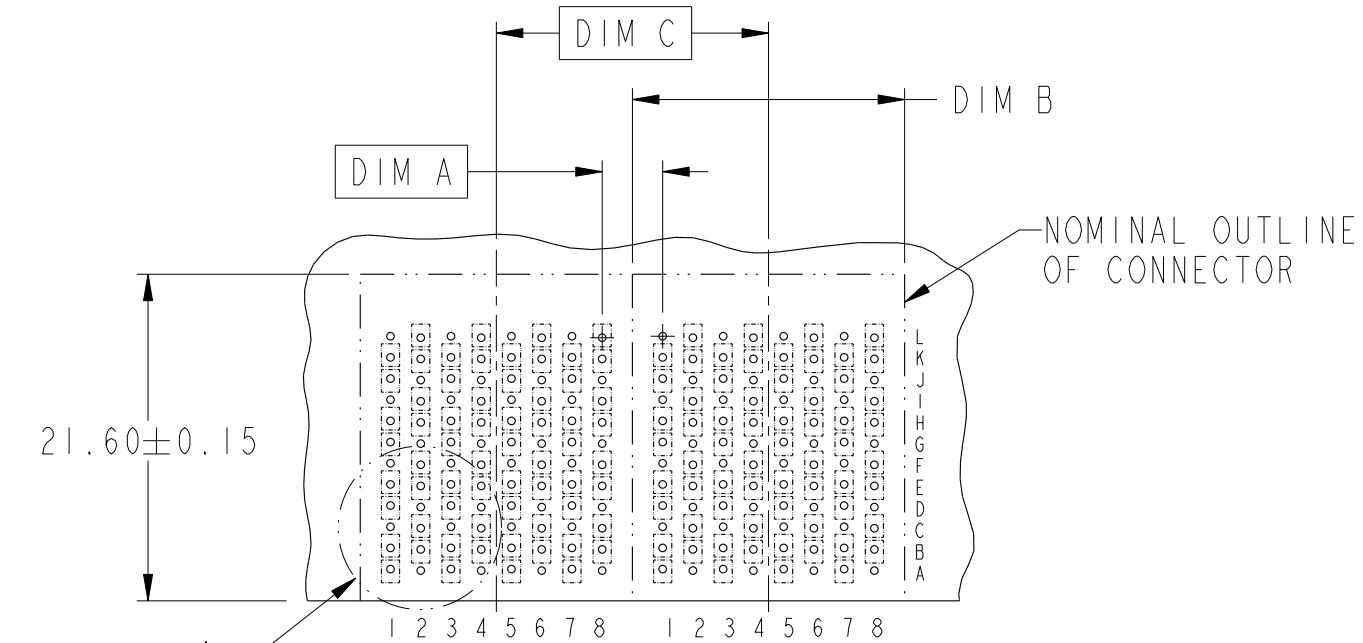
Product number
SEE TABLE, SHT 5



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spec ref		dr	C. H. TAN	2008-06-02	projection 	MM ←→	size	A3	scale	5:2	
tolerance std		eng	C. H. TAN	2008-06-02			product family	AirMax VS	ecn no		RELEASED
ASME Y14.5		TOLERANCES UNLESS OTHERWISE SPECIFIED								rel level	
surface	linear	0.X	±		FCI	title	AirMax VS R/A HEADER ASSY		dwg no	10084604	rev
		0.XX	±								
	angular	0°	±°								

DESCRIPTION	DIM A	DIM B	DIM C
2-18MM MODULES PLACED END-TO-END	4.00	17.90 2X	18.00
1-16MM MODULE & 1-18MM MODULE PLACED END-TO-END	3.00	15.90 1X & 17.90 1X	17.00

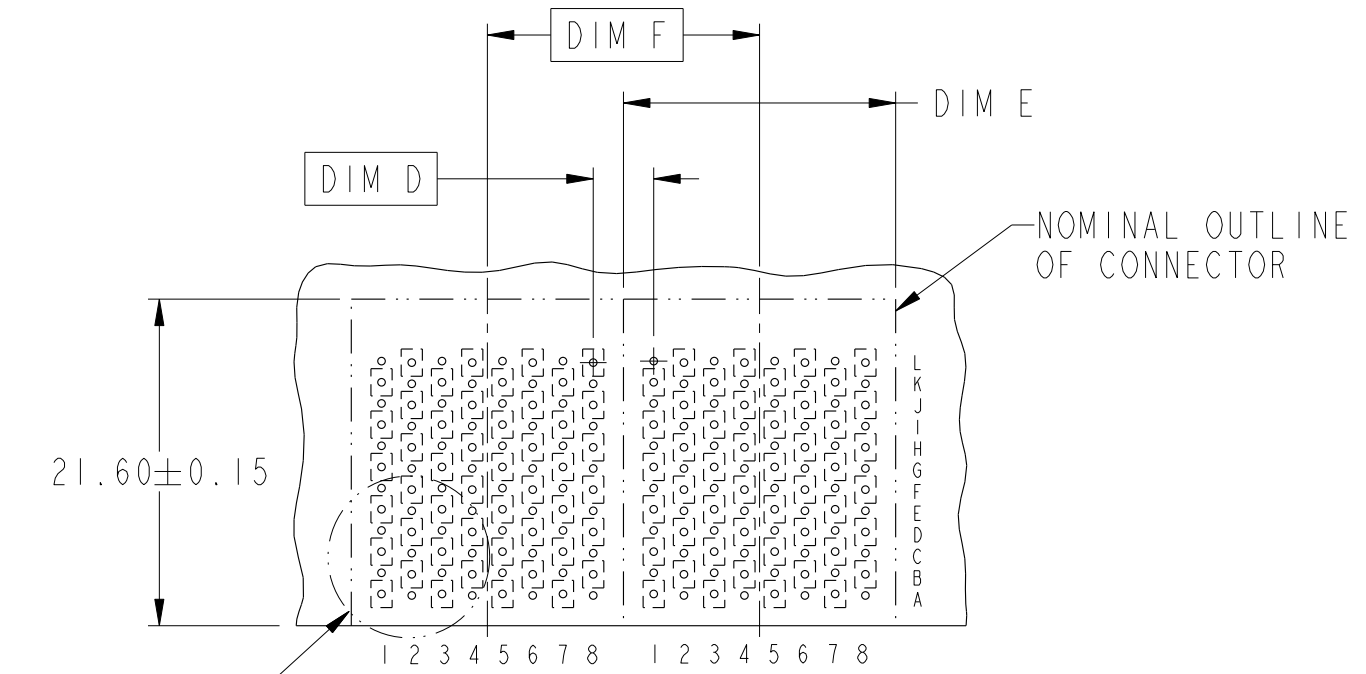


RECOMMENDED PCB LAYOUT
FOR DIFFERENTIAL APPLICATIONS
COMPONENT SIDE
(TWO ADJACENT FOOTPRINTS SHOWN)
NOTES 6 & 7

spec ref		dr	C. H. TAN	2008-06-02	projection	MM	size	A3	scale	2:1
tolerance std		eng	C. H. TAN	2008-06-02					ecn no	
ASME Y14.5		TOLERANCES UNLESS OTHERWISE SPECIFIED			product family				AirMax VS	
surface		linear	0.X	±		title AirMax VS R/A HEADER ASSY PRESS-FIT, 96 POS, 18MM	dwg no 10084604	rev		D
ASME Y14.5			0.XX	±				cat. no.		Product - Customer Drw
		0.XXX	±							
		angular	0°	±°						



DESCRIPTION	DIM D	DIM E	DIM F
2-18MM MODULES PLACED END-TO-END	4.00	17.90 2X	18.00
1-16MM MODULE & 1-18MM MODULE PLACED END-TO-END	3.00	15.90 1X & 17.90 1X	17.00

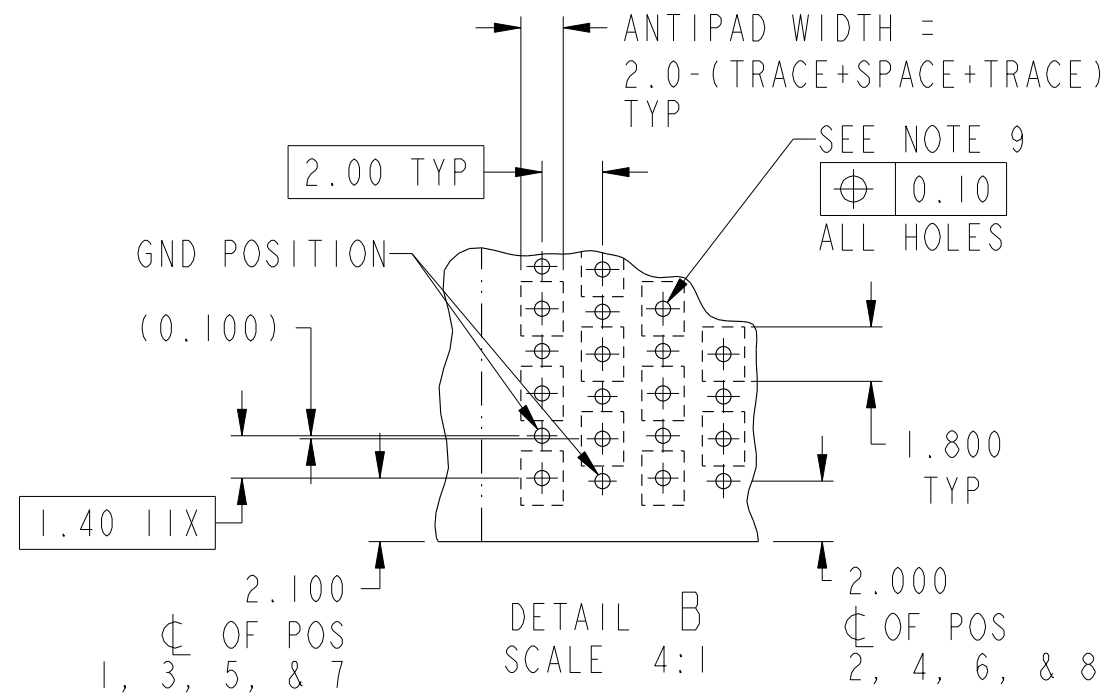
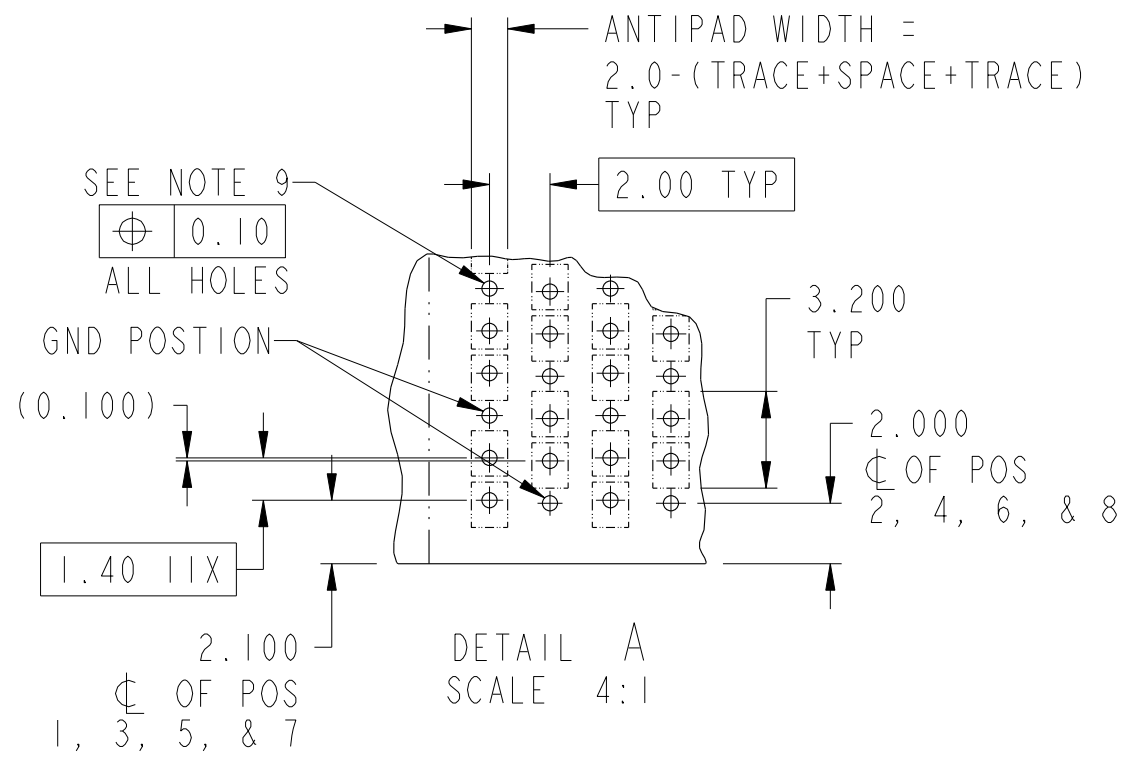


RECOMMENDED PCB LAYOUT
FOR SINGLE ENDED APPLICATIONS
COMPONENT SIDE
(TWO ADJACENT FOOTPRINTS SHOWN)
NOTES 6 & 7



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spec ref		dr	C. H. TAN	2008-06-02	projection	MM	size	A3	scale	2:1
tolerance std		eng	C. H. TAN	2008-06-02					ecn no	
ASME Y14.5		TOLERANCES UNLESS OTHERWISE SPECIFIED			product family				AirMax VS	
surface		linear	0.X	±		title AirMax VS R/A HEADER ASSY PRESS-FIT, 96 POS, 18MM	dwg no 10084604	rev		D
ASME Y14.5			0.XX	±				cat. no.		Product - Customer Drw
		0.XXX	±							
		angular	0°	±°						

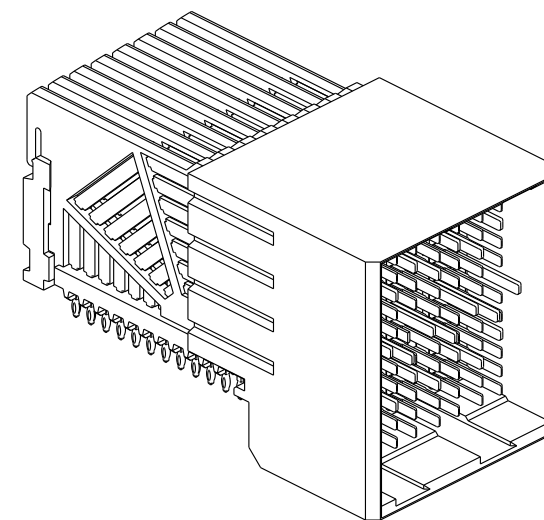


spec ref		dr	C. H. TAN	2008-06-02	projection	MM	size	A3	scale	2:1
tolerance std		eng	C. H. TAN	2008-06-02			ecn no		rel level	
ASME Y14.5		chr	Y. K. LIM	2010-11-09						
TOLERANCES UNLESS OTHERWISE SPECIFIED		appr	JOEY NG	2010-11-09	product family		AirMax VS		RELEASED	
surface		linear	0.X	±		title AirMax VS R/A HEADER ASSY PRESS-FIT, 96 POS, 18MM		dwg no 10084604		rev D
			0.XX	±						
ASME Y14.5	angular	0°	±°							
www.fci.com		cat. no.		-		Product - Customer Drw		sheet 4 of 5		



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PART NUMBER	PRESS-FIT TAIL PLATING TYPE	SHORT DETECT CONTACT
10084604-101LF	TIN OVER NICKEL (LEAD FREE)	NO
10084604-111LF	TIN OVER NICKEL (LEAD FREE)	YES (SEE NOTE 13)



NOTES:

1. CONNECTOR MATERIALS:
HOUSING & RETAINER: HIGH TEMP THERMOPLASTIC, NATURAL, UL94V-0
IMLA PLASTIC: HIGH TEMP THERMOPLASTIC, BLACK, UL94V-0
CONTACT: COPPER ALLOY
2. CONTACT PLATING:
SEPARABLE INTERFACE:
PERFORMANCE-BASED PLATING, QUALIFIED TO MEET THE REQUIREMENTS OF FCI PRODUCT SPECIFICATION GS-12-239, INCLUDING TELCORDIA GR-1217-CORE (NOVEMBER 1995) CENTRAL OFFICE.
PRESS-FIT TAILS: SEE TABLE
3. PRODUCT SPECIFICATION: GS-12-239
4. APPLICATION SPECIFICATION: GS-20-035
5. PRODUCT MARKING, (PART NUMBER & LOT CODE), ON THIS SURFACE
6. REFER TO CUSTOMER DRAWING 10035911 FOR INFORMATION REGARDING PCB LAYOUT OF POWER AND GUIDE MODULES RELATIVE TO SIGNAL MODULES
7. POSITIONS F OF ODD NUMBERED COLUMNS AND POSITIONS G OF EVEN NUMBERED COLUMNS CORRESPOND TO EARLY MATE HEADER PINS
8. THERE IS NO GROUND BUSSING WITHIN THE CONNECTOR SYSTEM
9. REFER TO CUSTOMER DRAWING 10045979 FOR INFORMATION ON PCB HOLE DIAMETERS AND PLATING OPTIONS.

10. THIS PRODUCT MEETS EUROPEAN UNION DIRECTIVES AND OTHER COUNTRY REGULATIONS AS DESCRIBED IN GS-22-008.
11. THE HOUSING WILL WITHSTAND EXPOSURE TO 260°C PEAK TEMPERATURE FOR 40 SECONDS IN A CONVECTION, INFRA-RED OR VAPOR PHASE REFLOW OVEN.
12. PACKAGING MEETS GS-14-920 LEAD FREE LABELING SPECIFICATION.
13. MATING PIN F4 IS SHORTER THAN ALL REMAINING SIGNAL PINS. NOMINAL MATING WIPE FOR PIN F4 IS 0.5MM LESS THAN ALL REMAINING SIGNAL PINS.
14. A SYMBOL WILL BE NEXT TO ANY DIMENSION, VIEW, OR NOTE WHICH HAS BEEN MODIFIED WITH THE CURRENT DRAWING REVISION.

spec ref		dr	C. H. TAN	2008-06-02	projection	MM	size	A3	scale	2:1
tolerance std		eng	C. H. TAN	2008-06-02		← →	ecn no		rel level	
ASME Y14.5		chr	Y. K. LIM	2010-11-09			AirMax VS		RELEASED	
surface		appr	JOEY NG	2010-11-09	product family		AirMax VS		rel level	
ASME Y14.5		TOLERANCES UNLESS OTHERWISE SPECIFIED		FCI		AirMax VS R/A HEADER ASSY		10084604		rev
linear		0.X ±		www.fci.com		PRESS-FIT, 96 POS, 18MM		cat. no.		-
angular		0° ±		Product - Customer Drw		sheet 5 of 5		STATUS: Released		Printed: Dec 01, 2010