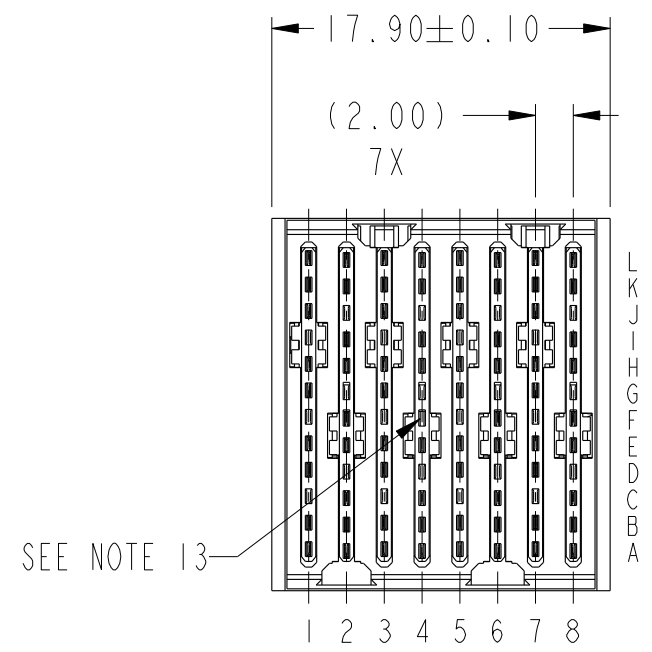
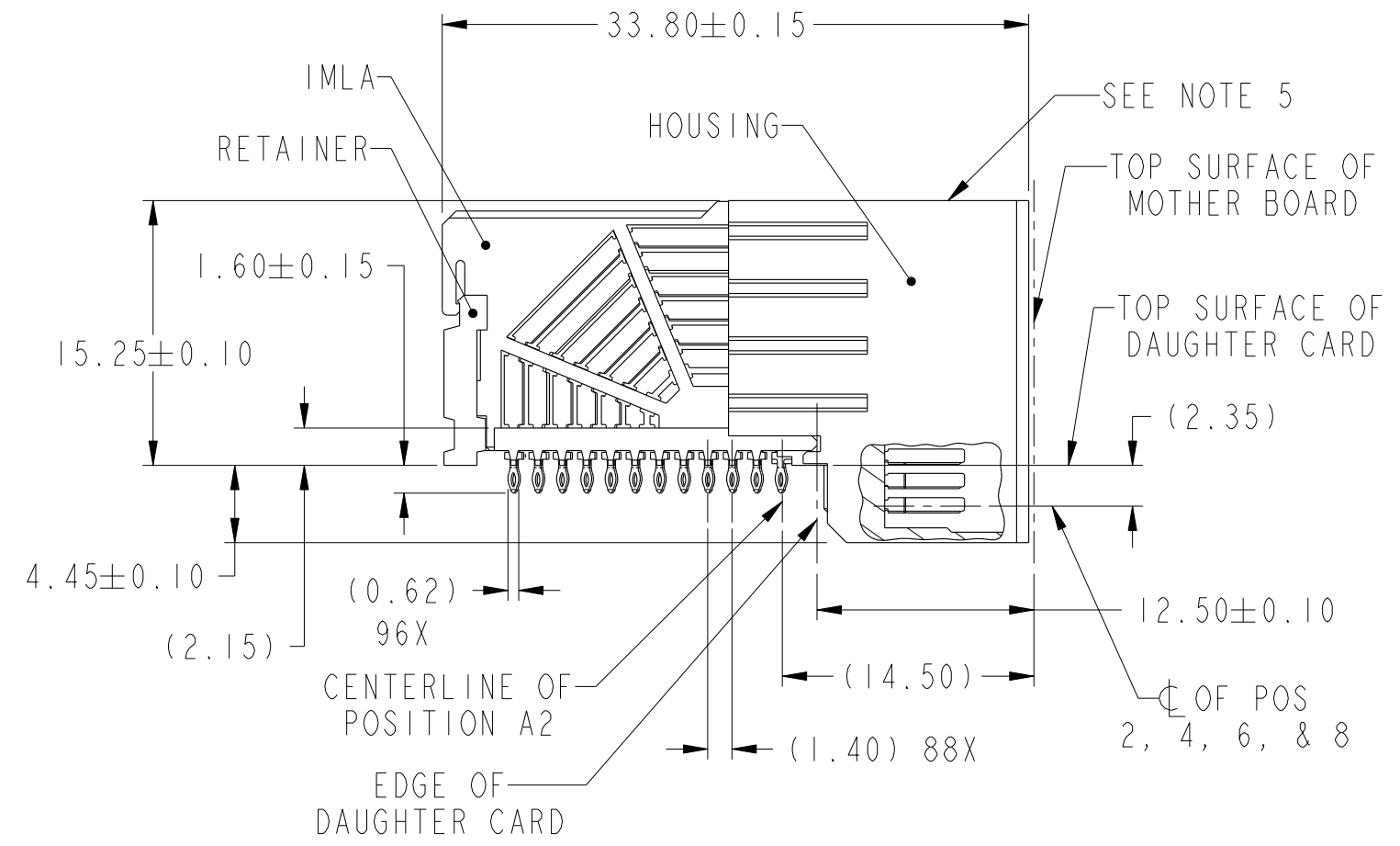
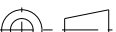



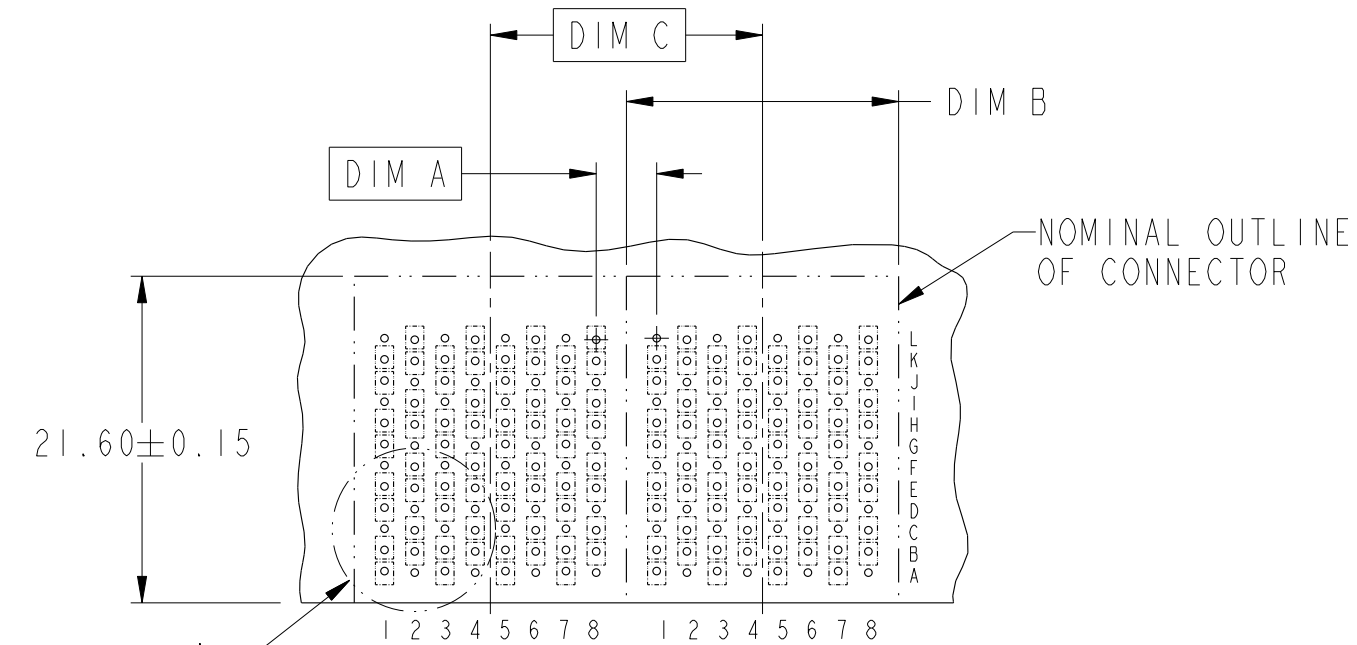


Product number
SEE TABLE, SHT 5


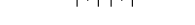




spec ref				dr	C. H. TAN	2008-06-02	projection 	MM 	size	A3	scale	5:2
tolerance std ASME Y14.5 -	TOLERANCES UNLESS OTHERWISE SPECIFIED			eng	C. H. TAN	2008-06-02			ecn no			
				chr	Y. K. LIM	2010-11-09						
				appr	JOEY NG	2010-11-09	product family		AirMax VS		rel level RELEASED	
surface -  ASME Y14.5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

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



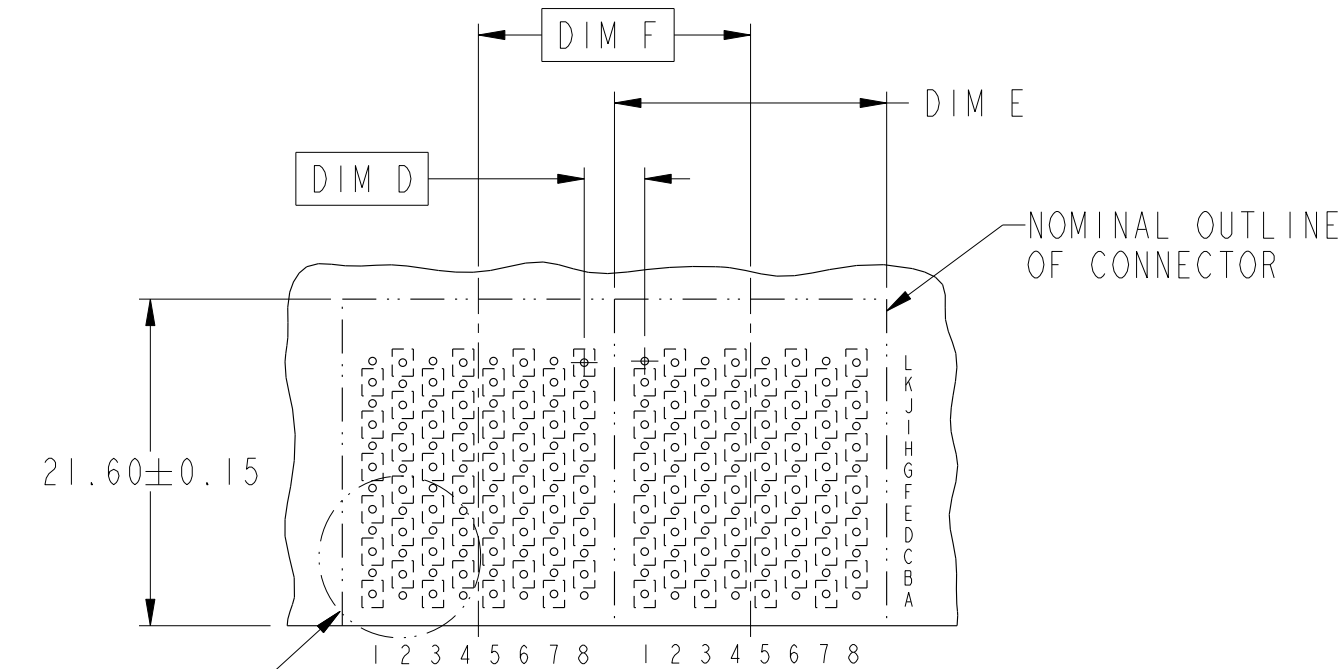
RECOMMENDED PCB LAYOUT
FOR DIFFERENTIAL APPLICATIONS
COMPONENT SIDE
(TWO ADJACENT FOOTPRINTS SHOWN)
NOTES 6 & 7

spec ref				dr	C. H. TAN	2008-06-02	projection 	MM 	size	A3	scale	2:1
tolerance std ASME Y14.5 -	TOLERANCES UNLESS OTHERWISE SPECIFIED			eng	C. H. TAN	2008-06-02			ecn no			
				chr	Y. K. LIM	2010-11-09			rel level			
				appr	JOEY NG	2010-11-09	RELEASED					
				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
		0.XX	±									
		0.XXX	±									
ASME Y14.5	angular	0°	±°	www.fci.com	cat. no.		-	Product - Customer Drw			sheet 2 of 5	



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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

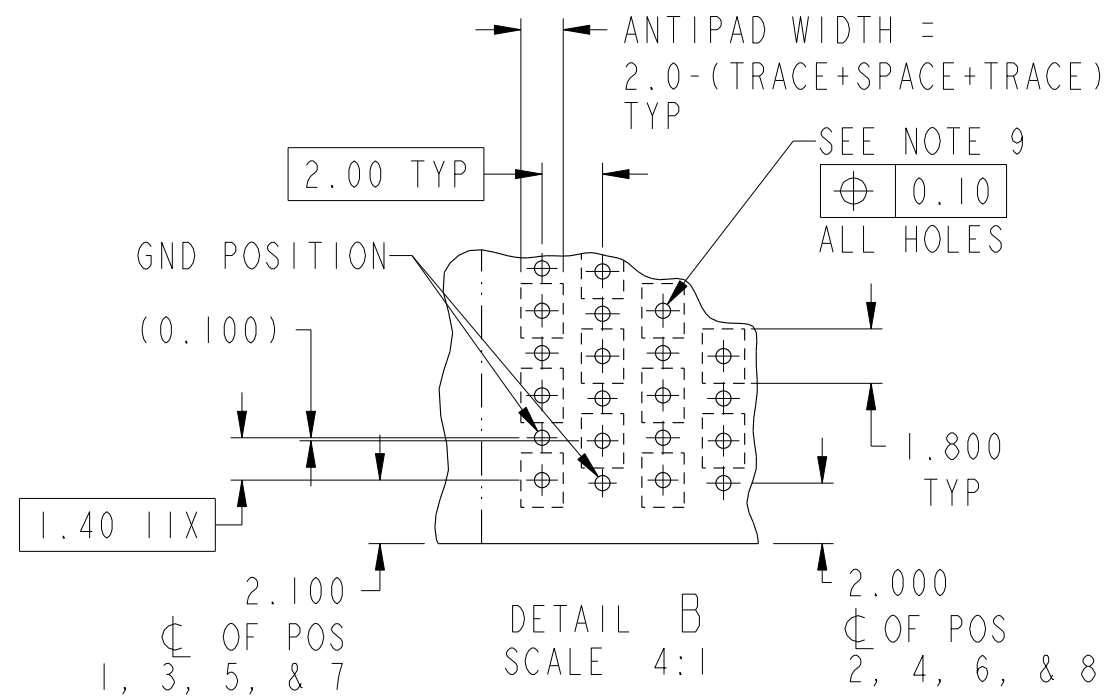
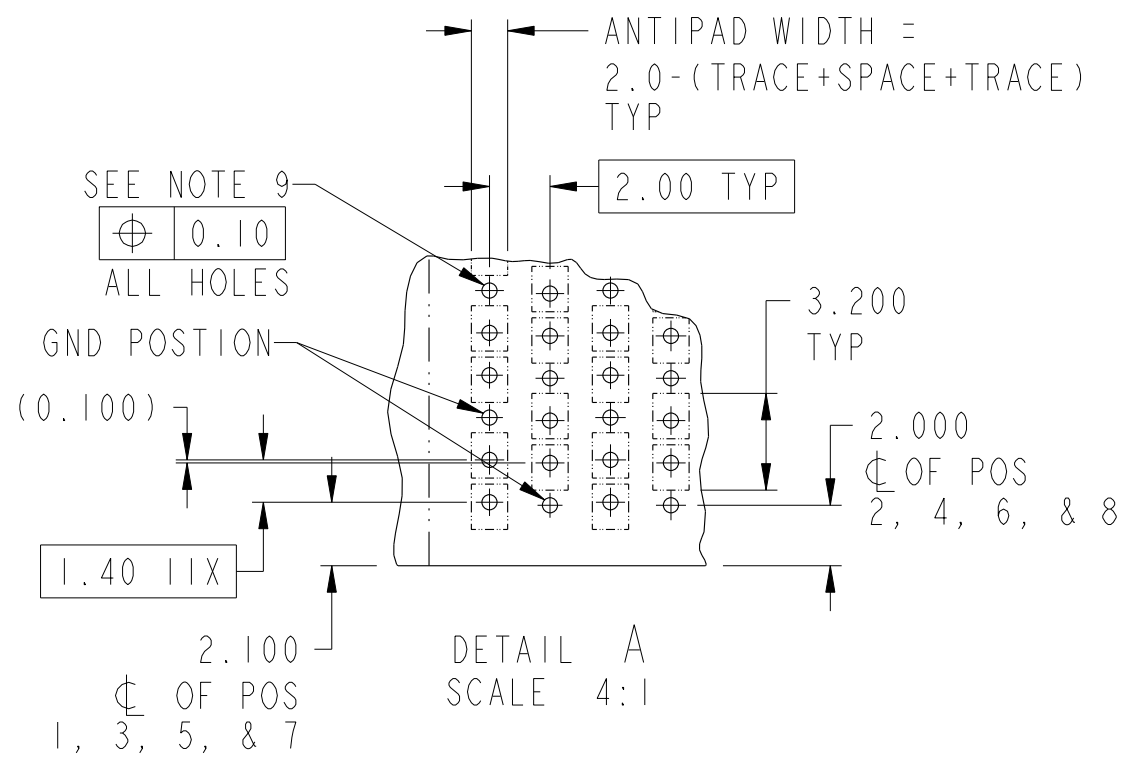


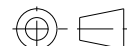



RECOMMENDED PCB LAYOUT
FOR SINGLE ENDED APPLICATIONS
COMPONENT SIDE
(TWO ADJACENT FOOTPRINTS SHOWN)
NOTES 6 & 7

spec ref				dr	C. H. TAN	2008-06-02	<div>projection</div> <div></div>	<div>MM</div> <div></div>	size	A3	scale	2:1
tolerance std	TOLERANCES UNLESS OTHERWISE SPECIFIED			eng	C. H. TAN	2008-06-02			ecn no			
ASME Y14.5				chr	Y. K. LIM	2010-11-09			rel level			
-				appr	JOEY NG	2010-11-09	product family					
<div>surface</div> <div></div>	linear	0.X	±		title			dwg no	10084604		rev	
		0.XX	±									
		0.XXX	±									
ASME Y14.5	angular	0°	±°	www.fci.com	cat. no.		-	Product - Customer Drw			sheet 3 of 5	



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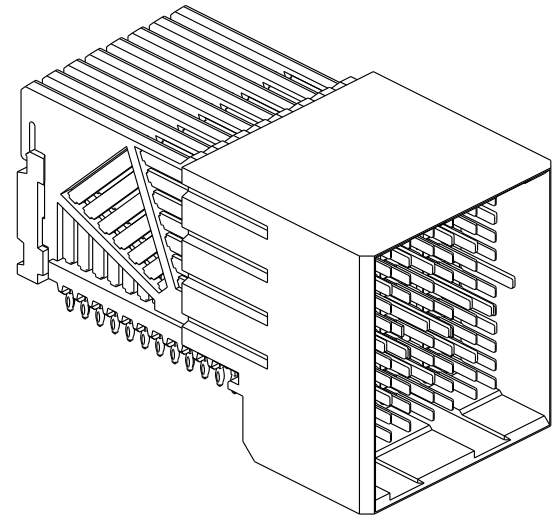
spec ref				dr	C. H. TAN	2008-06-02	projection 	MM 	size	A3	scale	2:1	
tolerance std ASME Y14.5 -	TOLERANCES UNLESS OTHERWISE SPECIFIED			eng	C. H. TAN	2008-06-02			ecn no				
				chr	Y. K. LIM	2010-11-09			rel level				
				appr	JOEY NG	2010-11-09			product family				
								AirMax VS				RELEASED	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


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:

- CONNECTOR MATERIALS:
HOUSING & RETAINER: HIGH TEMP THERMOPLASTIC, NATURAL, UL94V-0
IMLA PLASTIC: HIGH TEMP THERMOPLASTIC, 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 (NOVEMBER 1995)
CENTRAL OFFICE.
PRESS-FIT TAILS: SEE TABLE
- PRODUCT SPECIFICATION: GS-12-239
- APPLICATION SPECIFICATION: GS-20-035
- PRODUCT MARKING, (PART NUMBER & LOT CODE), ON THIS SURFACE
- REFER TO CUSTOMER DRAWING 10035911 FOR INFORMATION REGARDING PCB LAYOUT OF POWER AND GUIDE MODULES RELATIVE TO SIGNAL MODULES
- POSITIONS F OF ODD NUMBERED COLUMNS AND POSITIONS G OF EVEN NUMBERED COLUMNS CORRESPOND TO EARLY MATE HEADER PINS
- THERE IS NO GROUND BUSSING WITHIN THE CONNECTOR SYSTEM
- REFER TO CUSTOMER DRAWING 10045979 FOR INFORMATION ON PCB HOLE DIAMETERS 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.
- PACKAGING MEETS GS-14-920 LEAD FREE LABELING SPECIFICATION.
- 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.
- 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	<div>projection</div> <div></div>	<div>MM</div> <div></div>	size	A3	scale	2:1	
tolerance std ASME Y14.5 -	TOLERANCES UNLESS OTHERWISE SPECIFIED			eng	C. H. TAN	2008-06-02			ecn no				
				chr	Y. K. LIM	2010-11-09							
									appr	JOEY NG	2010-11-09	product family	
surface - 	linear	0.X	±		title	AirMax VS R/A HEADER ASSY PRESS-FIT, 96 POS, 18MM				dwg no	10084604		rev D
		0.XX	±										
		0.XXX	±										
ASME Y14.5	angular	0°	±°	www.fci.com	cat. no.	-	Product - Customer Drw				sheet 5 of 5		

Mouser Electronics

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