



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

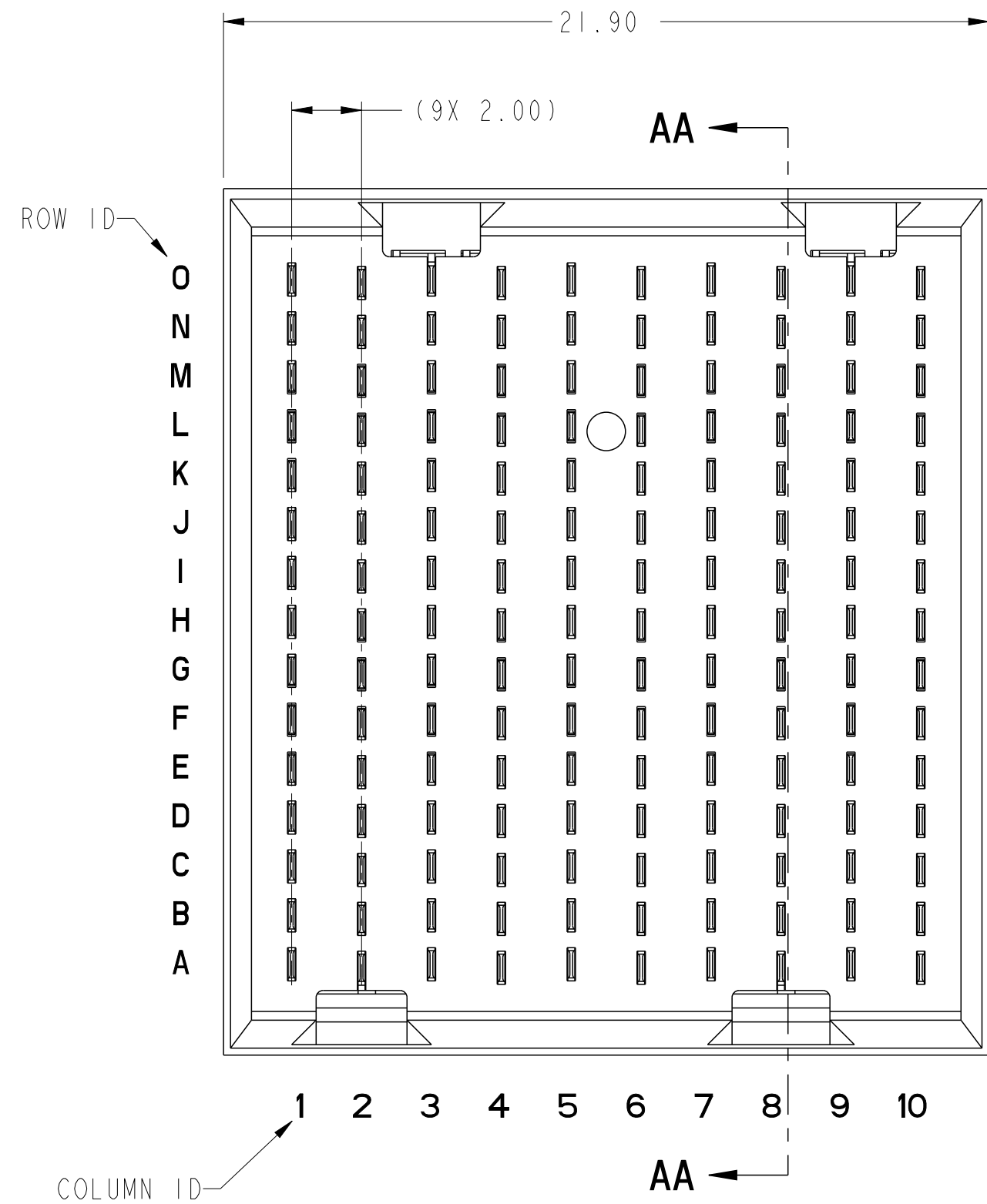
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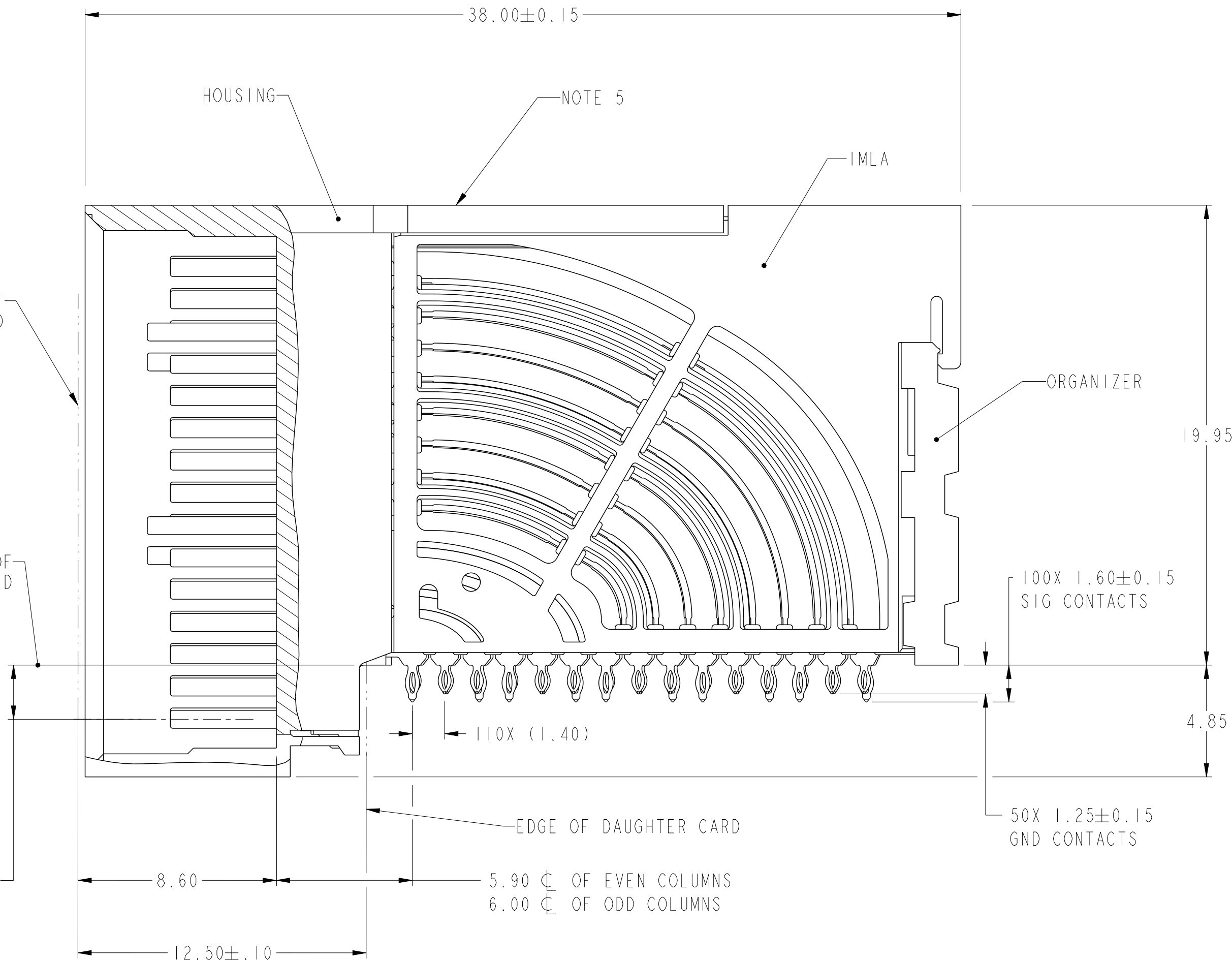
Address: A1208, Overseas Decoration Building, #122 Zhenhua RD., Futian, Shenzhen, China







PRODUCT NUMBER
SEE SHEET 3



2.35 ϕ OF EVEN COLUMNS
2.25 ϕ OF ODD COLUMNS



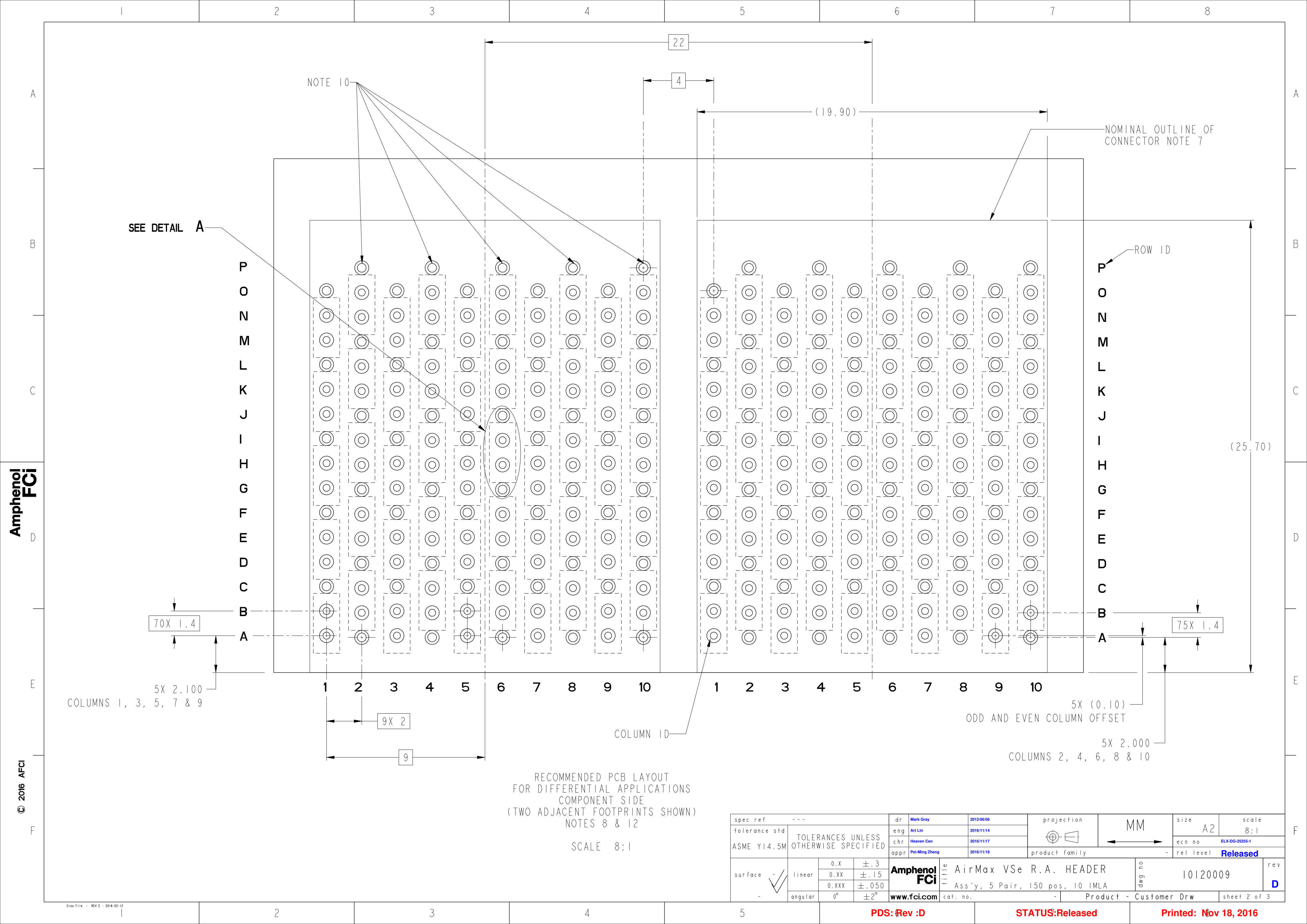
SECTION AA-AA

spec ref		---		dr		Mark Gray		2012/06/06		projection		MM		size		A2		scale		10:1							
tolerance std		TOLERANCES UNLESS OTHERWISE SPECIFIED		eng		Art Lin		2016/11/14						ecn no		ELX-DG-25255-1											
chr				Heaven Cen		2016/11/17		rel level						Released													
ASME Y14.5M				appr		Pei-Ming Zheng		2016/11/18						product family		-											
surface				linear				title		AirMax VSe R.A. HEADER						dwg no		10120009						rev		D	
								Ass'y, 5 Pair, 150 pos, 10 IMLA																			
				angular				0°		±2°		www.fci.com		cat. no.		-		Product - Customer Drw						sheet 1 of 3			

PDS: Rev :D

STATUS:Released





Printed: Nov 18, 2016



Amphenol
FCi

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RECOMMENDED PCB LAYOUT
FOR DIFFERENTIAL APPLICATIONS
COMPONENT SIDE
(TWO ADJACENT FOOTPRINTS SHOWN)
NOTES 8 & 12
SCALE 8:1

spec ref ---				dr Mark Gray		2012/06/06		projection		MM		size A2		scale 8:1	
tolerance std				eng Art Lin		2016/11/14						ecn no		ELX-DG-25255-1	
ASME Y14.5M				chr Heaven Cen		2016/11/17		product family		-		rel level		Released	
TOLERANCES UNLESS OTHERWISE SPECIFIED				appr Pei-Ming Zheng		2016/11/18									
				Amphenol FCI		title AirMax VSe R.A. HEADER Ass'y, 5 Pair, 150 pos, 10 IMLA		dwg no 10120009		rev D					
surface - 		linear		0.X ±.3		www.fci.com		cat. no. -		Product - Customer Drw		sheet 2 of 3			
				0.XX ±.15											
				0.XXX ±.050											
- 		angular		0° ±2°											

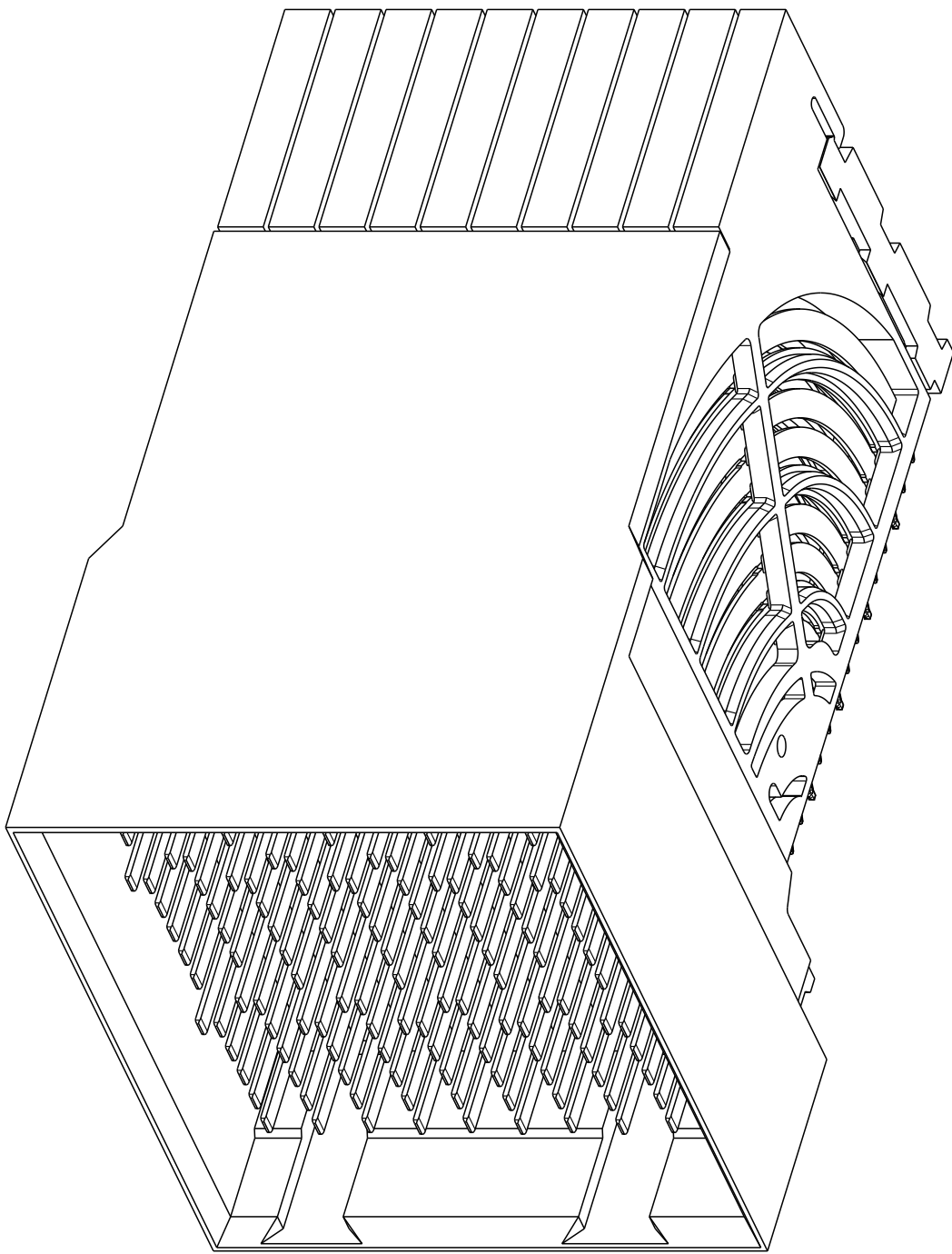
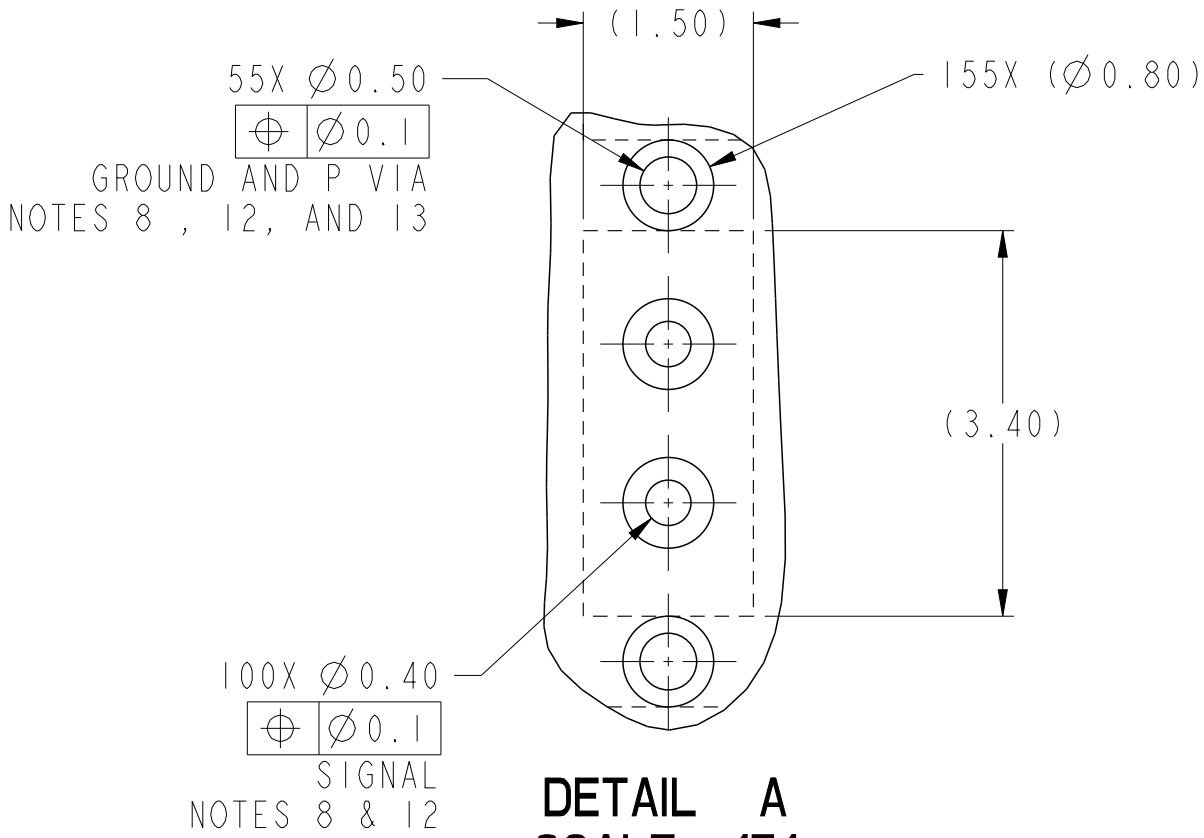
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PRODUCT NUMBER	PRESS-FIT TAIL PLATING TYPE
10120009-101	TIN/LEAD ALLOY OVER NICKEL
10120009-101LF	TIN OVER NICKEL (LEAD FREE)

- 1 - CONNECTOR MATERIALS:
HOUSING: HIGH TEMP THERMOPLASTIC, NATURAL, UL94-V0
IMLA PLASTIC: HIGH TEMP THERMOPLASTIC, BLACK, UL94-V0
CONTACT: COPPER ALLOY
ORGANIZER: HIGH TEMP THERMOPLASTIC, NATURAL, UL94-V0
- 2 - CONTACT PLATING:
SEPARABLE INTERFACE:
PERFORMANCE-BASED PLATING, QUALIFIED TO MEET THE REQUIREMENTS OF FCI PRODUCT SPECIFICATION GS-12-0956 INCLUDING TELCORDIA GR-1217-CORE (NOVEMBER 1995) CENTRAL OFFICE TEST SEQUENCE
- PRESS-FIT TAILS: SEE TABLE
- 3 - PRODUCT SPECIFICATION: GS-12-0956
- 4 - APPLICATION SPECIFICATION: GS-20-0305
- 5 - PRODUCT MARKING, (PROTOTYPE, PART NUMBER & LOT CODE), ON THIS SURFACE.
- 6 - POSITIONS "F" AND "L" OF ODD NUMBERED COLUMNS AND POSITIONS "G" AND "M" OF EVEN NUMBERED COLUMNS CORRESPOND TO EARLY MATE HEADER PINS.
- 7 - CONNECTOR OUTLINE MAY BE SCREEN PRINTED ONTO CUSTOMER PCB TO BE USED AS A GUIDE FOR CONNECTOR PLACEMENT.
- 8 - REFER TO CUSTOMER DRAWING 10104444 FOR INFORMATION ON PCB HOLE DIAMETERS AND PLATING OPTIONS
- 9 - LEAD FREE PRODUCT MEETS THE EUROPEAN UNION DIRECTIVES & OTHER COUNTRY REGULATIONS AS DESCRIBED IN GS-22-008
- 10 - THESE OUTER VIAS (P) ARE OPTIONAL. WHILE NO CONNECTOR EONS ARE PRESSED INTO THESE HOLES WE RECOMMEND (Ø0.500) FINISHED HOLES AT THESE LOCATIONS TO PROVIDE GROUND SYMMETRY THROUGH THE PCB.
- 11 - PACKAGING MEETS GS-14-920 LEAD FREE LABELING SPECIFICATION.
- 12 - GROUND CONTACTS (C, F, I, L, & O IN ODD COLUMNS AND A, D, G, J, & M IN EVEN COLUMNS) REQUIRE (Ø0.50) FINISHED HOLES. SIGNAL LOCATIONS REQUIRE (Ø0.40) FINISHED HOLES



10120009-101 OR -101LF

SCALE 4:1

spec ref	---	dr	Mark Gray	2012/06/06	projection	MM	size	A2	scale	10:1
tolerance std	ASME Y14.5M	eng	Art Lin	2016/11/14	chr	Heaven Cen	ecn no	ELX-DG-28255-1		
		appr	Pei-Ming Zheng	2016/11/18	product family	-	rel level	Released		
surface	✓	linear	0.X	±.3	Amphenol FCI	title	AirMax VSe R.A. HEADER	dwg no	10120009	rev
			0.XX	±.15	www.fci.com	Ass'y, 5 Pair, 150 pos, 10 IMLA				D
		angular	0°	±2°	cat. no.	-	Product - Customer Drw	sheet 3 of 3		