



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!



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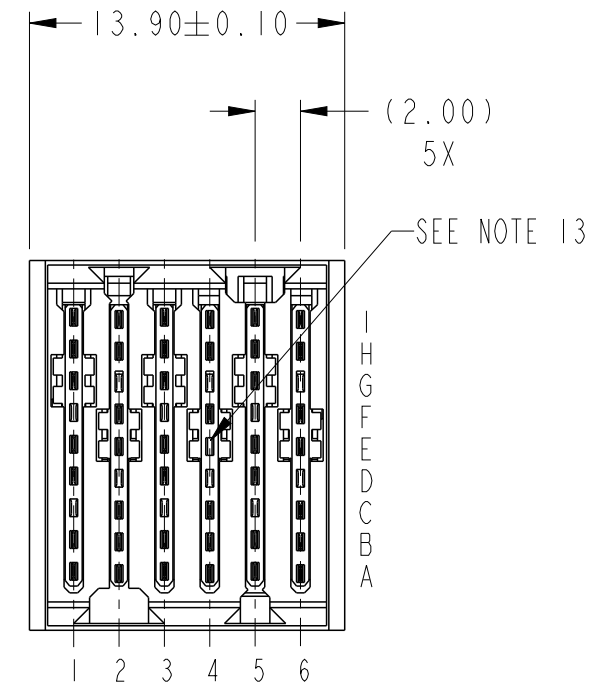
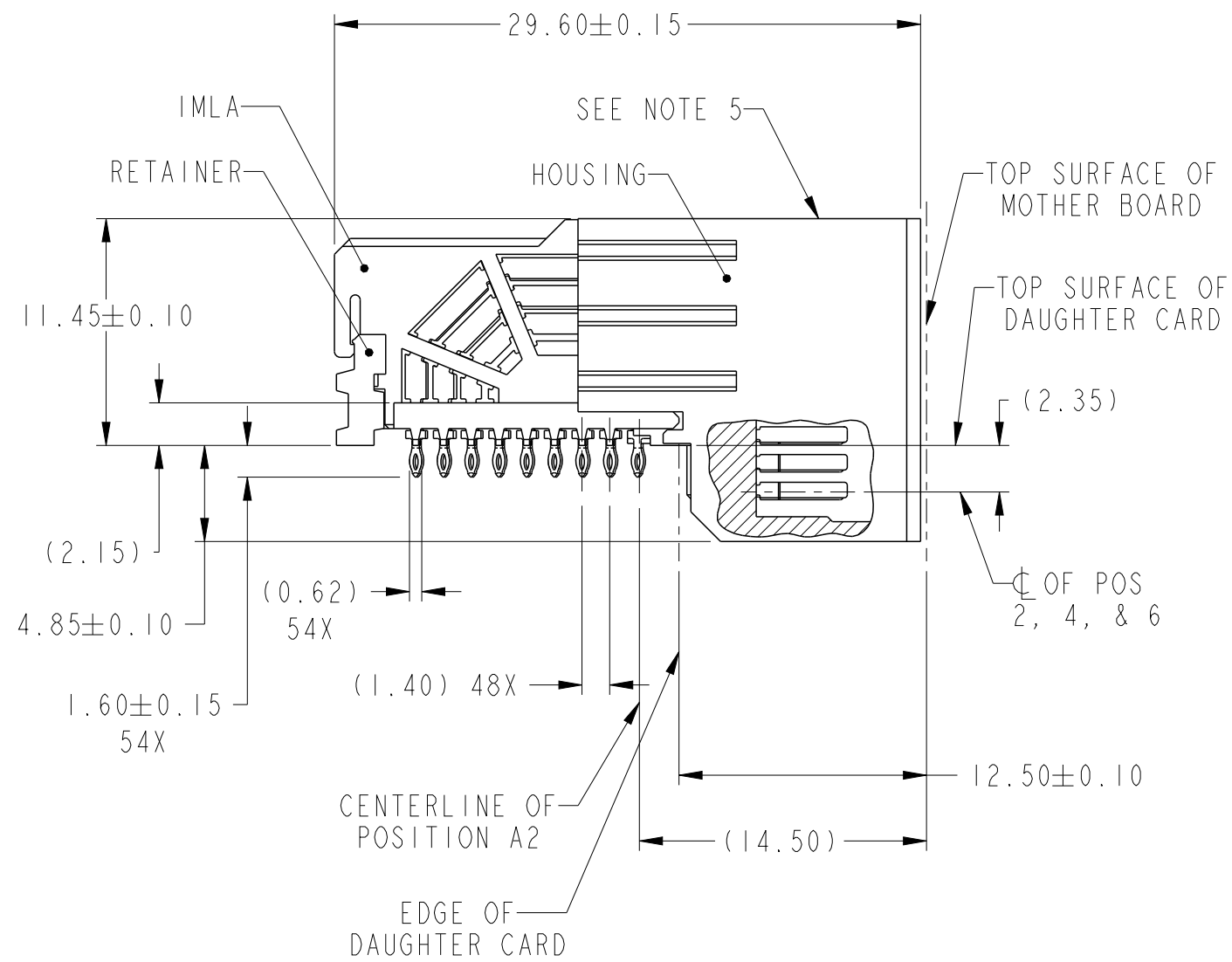
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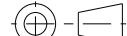







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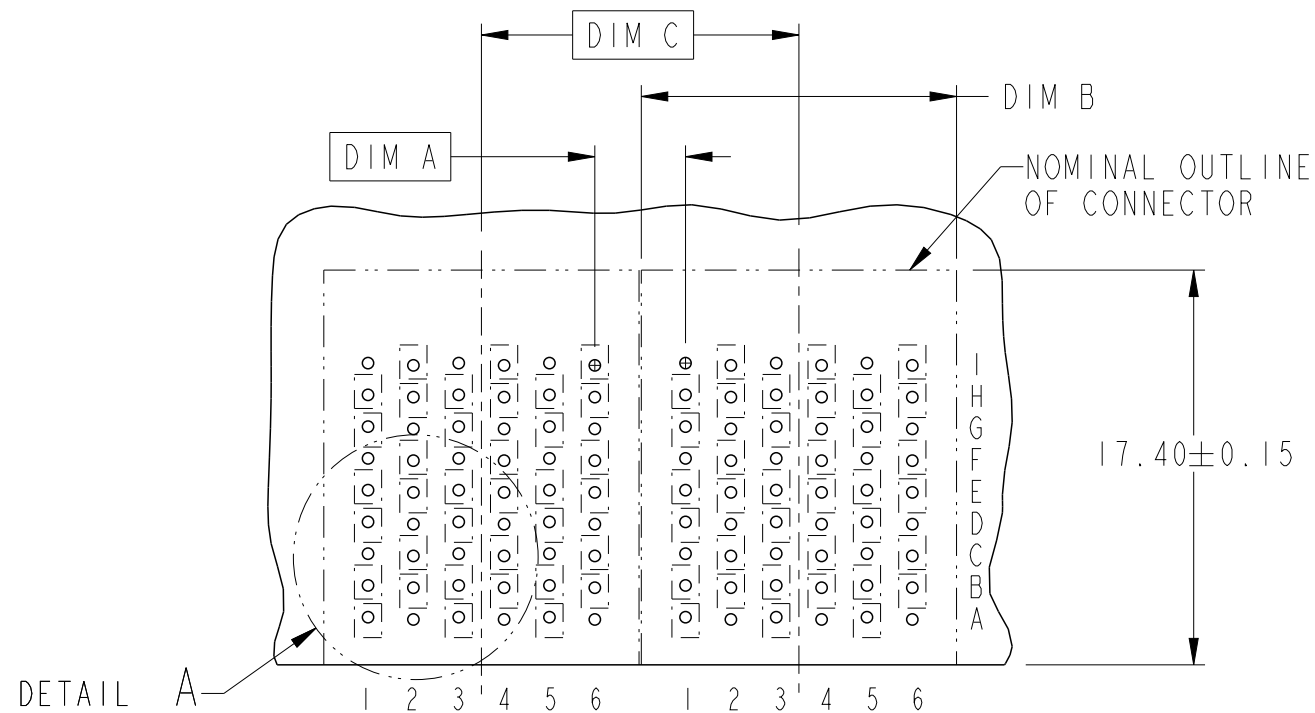
PRODUCT NUMBER
SEE TABLE, SHEET 5



spec ref				dr	Chen-Hong Tan	2006/10/02	projection 	MM 	size	A3	scale	3:1
tolerance std ASME Y14.5 -	TOLERANCES UNLESS OTHERWISE SPECIFIED			eng	Yong-Keat Lim	2011/05/30			ecn no	ELX-S-003991-1		
				chr	-	-			rel level			
				appr	Chen-Hong Tan	2011/05/30			product family			AirMax VS
surface 3.2  ASME Y14.5	linear	0.X	±0.3		title AirMax VS R/A HEADER ASSY PRESS_FIT, 54 POS, 14MM				dwg no	10039851		rev F
		0.XX	±0.10									
		0.XXX	±0.050									
angular	0°	±2°	www.fci.com	cat. no.	-	Product - Customer Drw				sheet 1 of 5		



DESCRIPTION	DIM A	DIM B	DIM C
2-14MM MODULES PLACED END-TO-END	4.00	13.90 2X	14.00
1-12MM MODULE & 1-14MM MODULE PLACED END-TO-END	3.00	11.90 1X & 13.90 1X	13.00



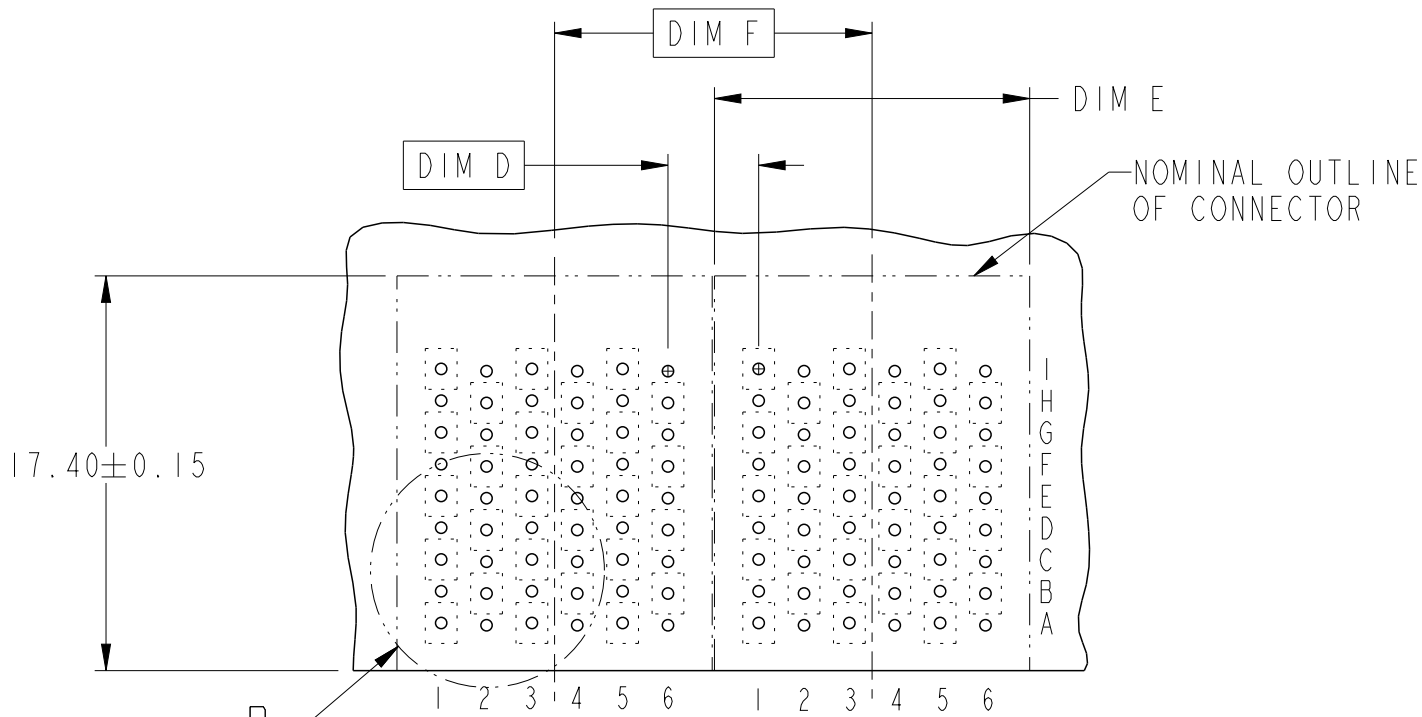
RECOMMENDED PCB LAYOUT
FOR DIFFERENTIAL APPLICATIONS
COMPONENT SIDE
(TWO ADJACENT FOOTPRINTS SHOWN)
NOTES 6 & 7

spec ref				dr	Chen-Hong Tan	2006/10/02	<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	Yong-Keat Lim	2011/05/30			ecn no		ELX-S-003991-1			
				chr	-	-			rel level			Released		
				appr	Chen-Hong Tan	2011/05/30			product family		AirMax VS			
surface $3\sqrt{2}$ ASME Y14.5	linear	0.X	±0.3		title AirMax VS R/A HEADER ASSY PRESS_FIT, 54 POS, 14MM				dwg no	10039851		rev	F	
		0.XX	±0.10											
		0.XXX	±0.050											
				angular	0°	±2°	www.fci.com	cat. no.	-	Product - Customer Drw			sheet 2 of 5	



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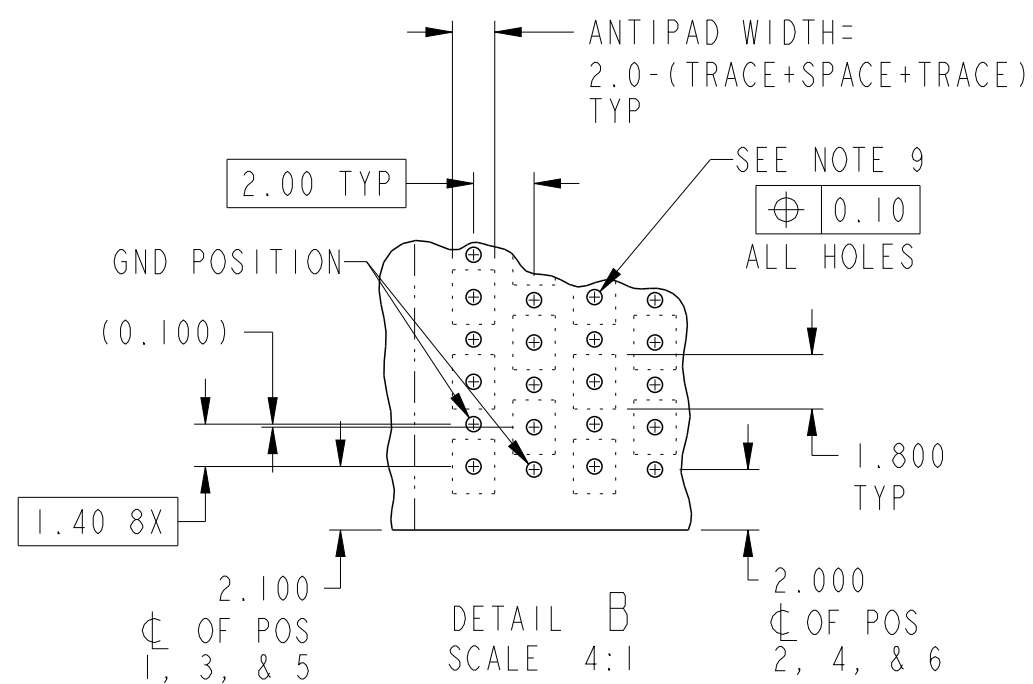
DESCRIPTION	DIM D	DIM E	DIM F
2-14MM MODULES PLACED END-TO-END	4.00	13.90 2X	14.00
1-12MM MODULE & 1-14MM MODULE PLACED END-TO-END	3.00	11.90 1X & 13.90 1X	13.00


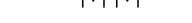



RECOMMENDED PCB LAYOUT
FOR SINGLE ENDED APPLICATIONS
COMPONENT SIDE
(TWO ADJACENT FOOTPRINTS SHOWN)
NOTES 6 & 7

spec ref				dr		Chen-Hong Tan	2006/10/02		projection		MM		size		A3	scale		2:1					
tolerance std		TOLERANCES UNLESS OTHERWISE SPECIFIED				eng		Yong-Keat Lim	2011/05/30						ecn no				ELX-S-003991-1				
ASME Y14.5						chr		-	-														
-						appr		Chen-Hong Tan	2011/05/30						product family		AirMax VS		rel level		Released		
surface		linear		0.X		±0.3				title		AirMax VS R/A HEADER ASSY		dwg no		10039851		rev		F			
																				0.XX		±0.10	
																				0.XXX		±0.050	
ASME Y14.5		angular		0°		±2°		www.fci.com		cat. no.		-		Product - Customer Drw		sheet 3 of 5							

D



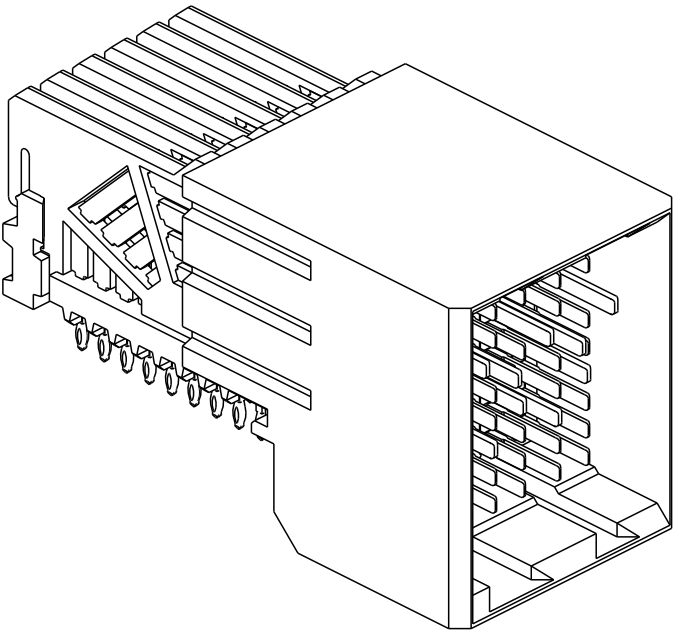
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tolerance std				TOLERANCES UNLESS OTHERWISE SPECIFIED				eng		Yong-Keat Lim		2011/05/30						ecn no		ELX-S-003991-1													
ASME Y14.5								chr		-		-						rel level		Released													
-								appr		Chen-Hong Tan		2011/05/30						product family				AirMax VS											
surface				linear		0.X		±0.3				title				AirMax VS R/A HEADER ASSY				dwg no				10039851				rev		F			
ASME Y14.5				0.XX		±0.10		PRESS_FIT, 54 POS, 14MM																									
3.2				0.XXX		±0.050		cat. no.																								-	
www.fci.com				angular		0°		±2°																									

PART NUMBER	PRESS-FIT TAIL PLATING TYPE	SHORT DETECT CONTACT
10039851-101	TIN/LEAD ALLOY OVER NICKEL	NO
10039851-101LF	TIN OVER NICKEL (LEAD FREE)	
10039851-111	TIN/LEAD ALLOY OVER NICKEL	YES (SEE NOTE 13)
10039851-111LF	TIN OVER NICKEL (LEAD FREE)	

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 TEST SEQUENCE

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. LEAD FREE 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 E4 HAS 0.5mm LESS NOMINAL WIPE THAN THE SHORTEST SIGNAL PIN.

spec ref				dr		Chen-Hong Tan		2006/10/02		projection		MM		size		A3		scale		3:1							
tolerance std		TOLERANCES UNLESS OTHERWISE SPECIFIED				eng		Yong-Keat Lim		2011/05/30						ecn no						ELX-S-003991-1					
ASME Y14.5						chr		-		-																	
-						appr		Chen-Hong Tan		2011/05/30						product family		AirMax VS		rel level						Released	
surface		linear		0.X		±0.3				title		AirMax VS R/A HEADER ASSY		dwg no		10039851		rev		F							
				0.XX		±0.10																					
				0.XXX		±0.050																					
ASME Y14.5		angular		0°		±2°		www.fci.com		cat. no.		-		Product - Customer Drw		sheet 5 of 5											