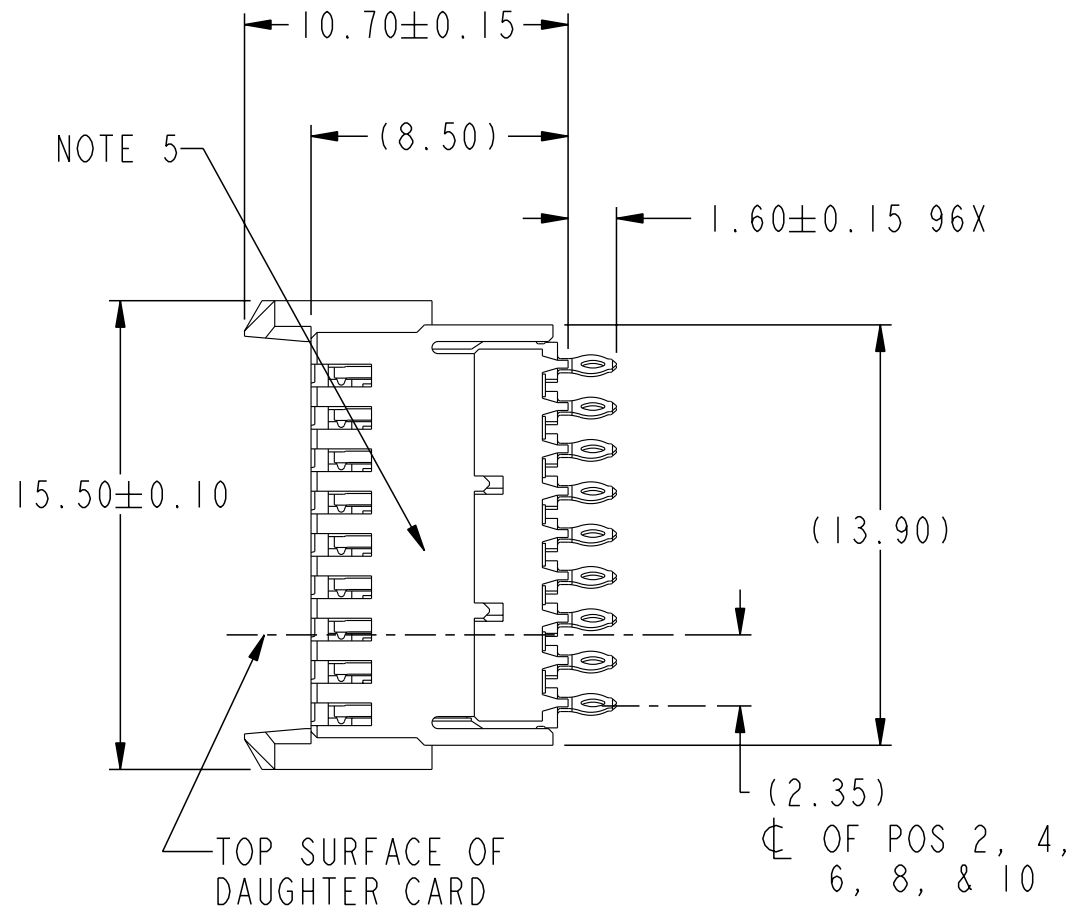
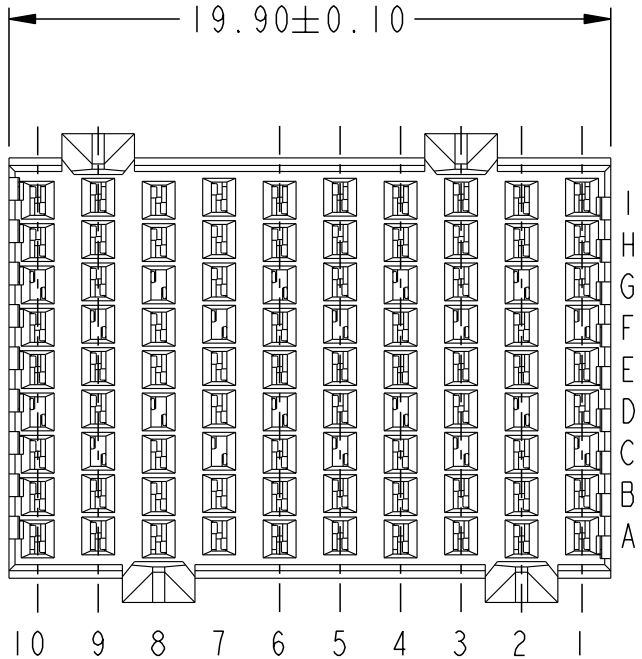




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PRODUCT NUMBER
SEE TABLE, SHEET 5



PRELIMINARY

		www.fciconnect.com	surface - <input checked="" type="checkbox"/> ASME Y14.5	tolerance ASME Y14.5 -	projection	MM
Dr	T. HOUTZ	6/15/04	Product family	AirMax VS	size	A4
Eng	S. MINICH	6/15/04	Spec ref		Scale	4:1
Chr	S. MINICH	6/15/04	Material	SEE NOTES	ECN	***
Appr						
title			AirMax VS VERT RECPT ASSY		dwg no	10034251
			PRESS-FIT, 90 POS, 20MM			
catalog no					CUSTOMER	sheet 1 of 5

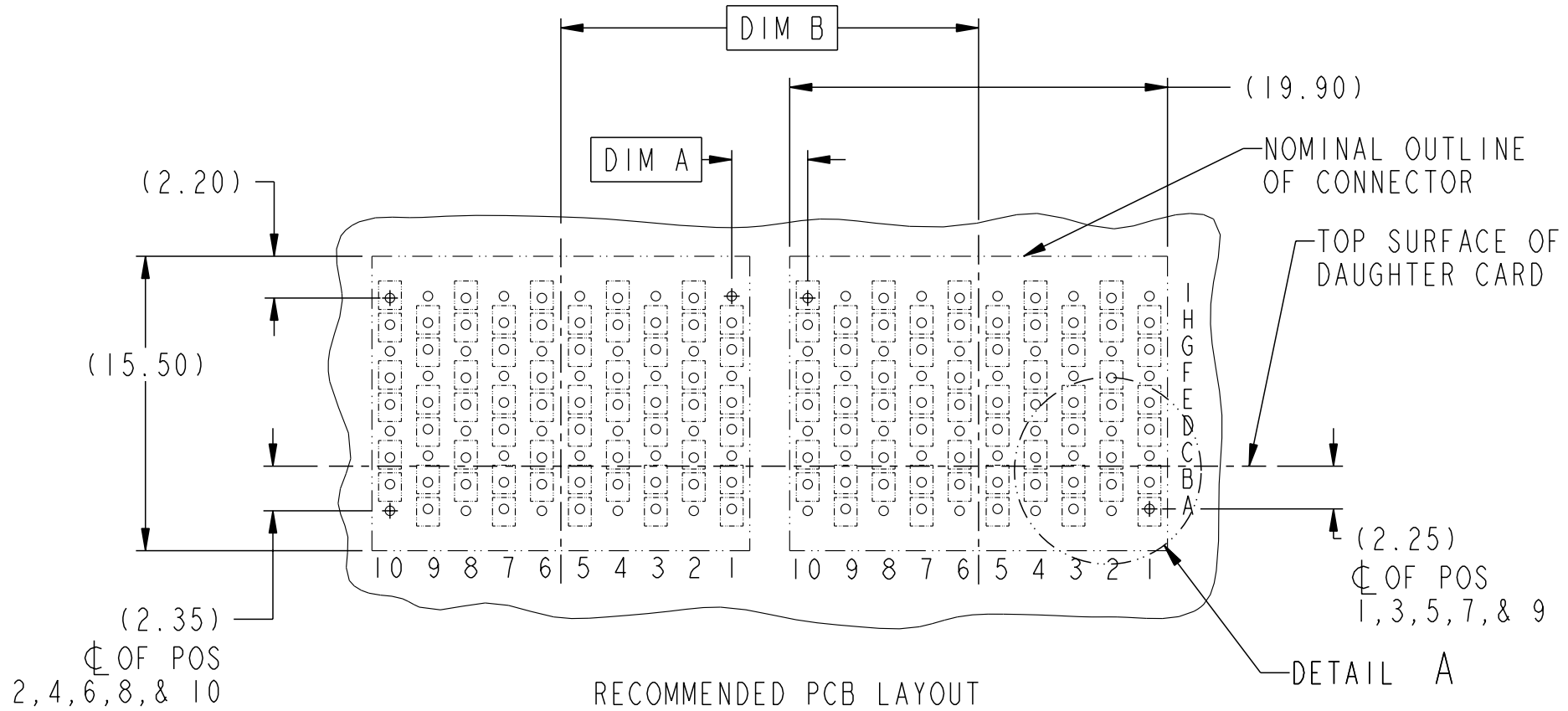
rev	ecn no	dr	date
A	V05-0461	LRJ	02/24/06
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-

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ADJACENT HEADER WIDTHS	DIM A	DIM B
20MM/20MM	2.00	20.00
22MM/22MM	4.00	22.00
20MM/22MM	3.00	21.00



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

PRELIMINARY

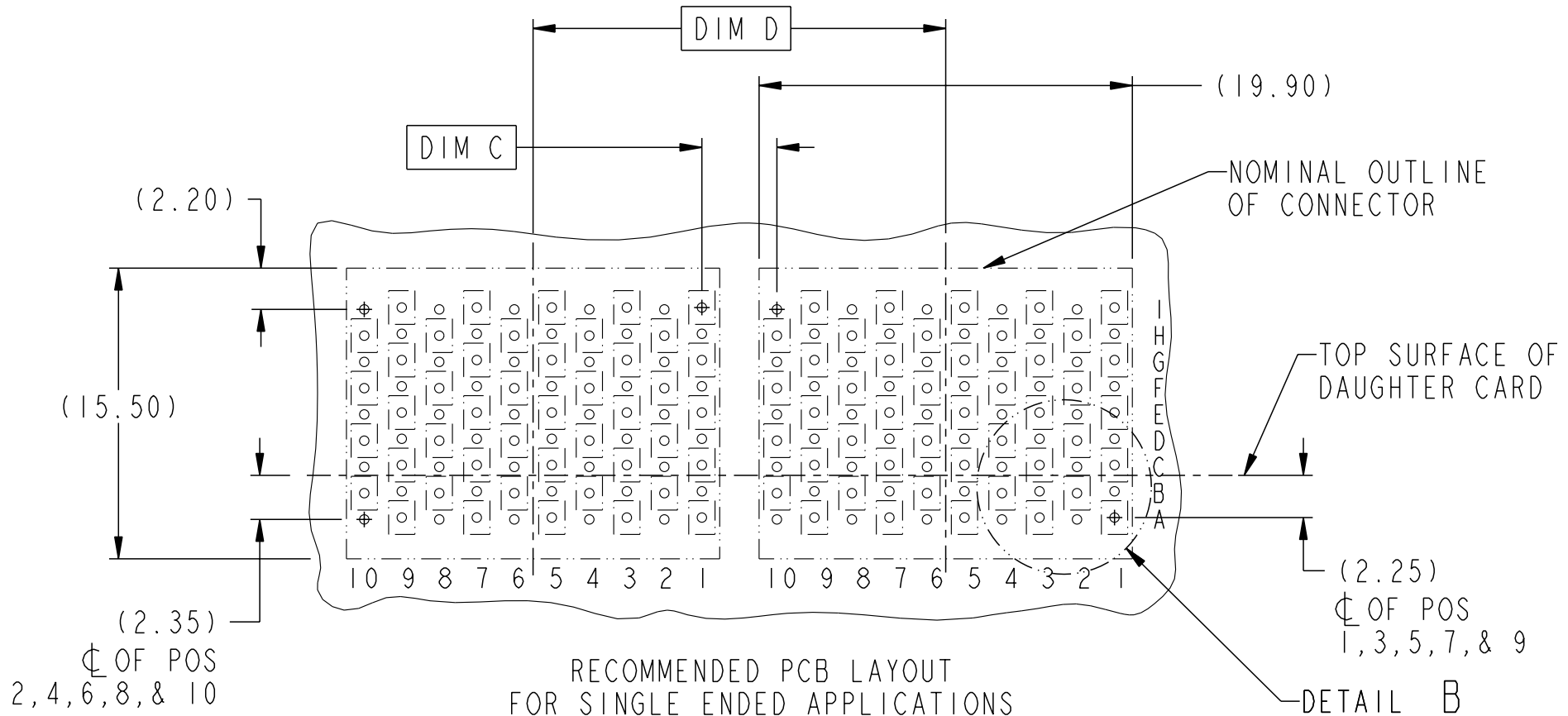
title	AirMax VS VERT RECPT ASSY PRESS-FIT, 90 POS, 20MM	dwg no	10034251	Rev.	A
catalog no	-	CUSTOMER	sheet 2 of 5		

A
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ADJACENT HEADER WIDTHS	DIM C	DIM D
20MM/20MM	2.00	20.00
22MM/22MM	4.00	22.00
20MM/22MM	3.00	21.00



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

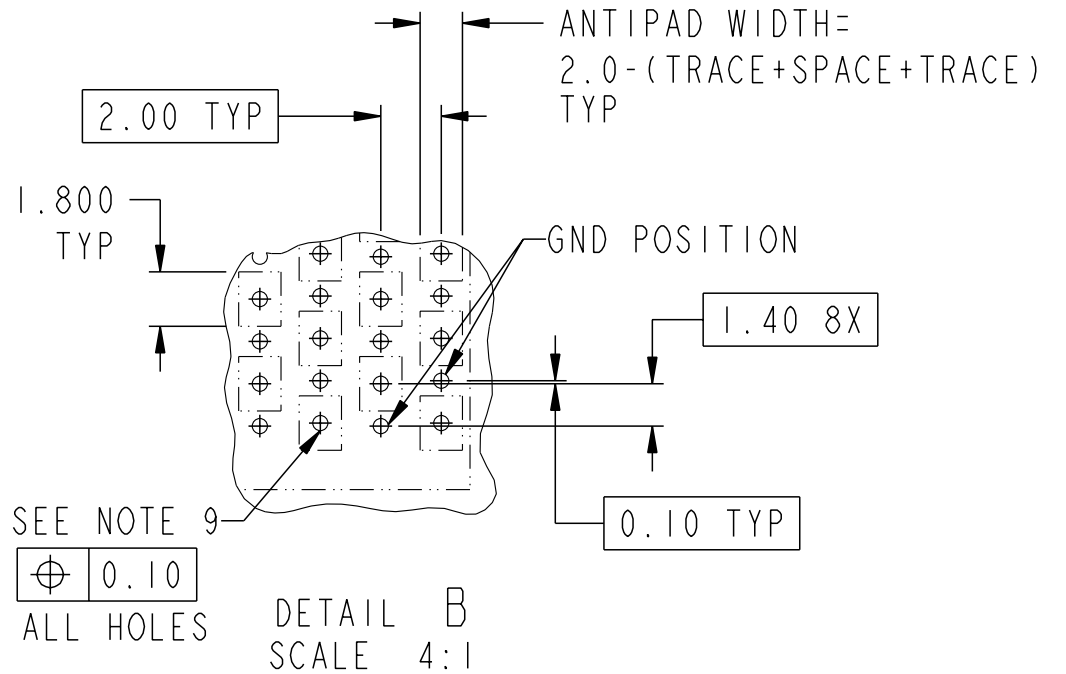
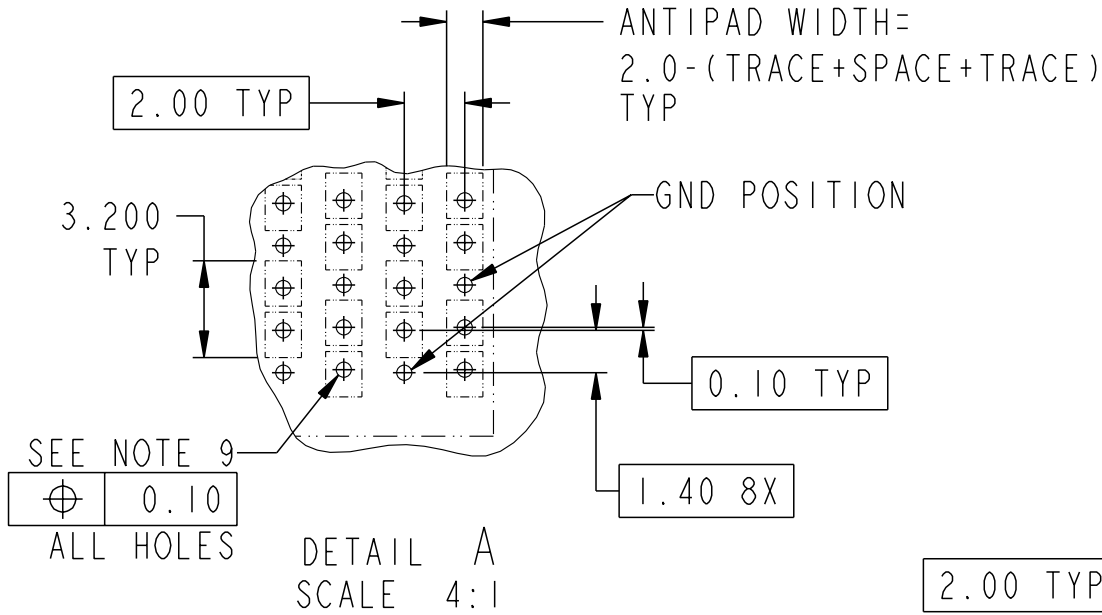
PRELIMINARY

title	AirMax VS VERT RECPT ASSY PRESS-FIT, 90 POS, 20MM	dwg no	10034251	Rev.	A
catalog no	-	CUSTOMER	sheet 3 of 5		

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title	AirMax VS VERT RECPT ASSY PRESS-FIT, 90 POS, 20MM	dwg no	10034251	Rev.	A
catalog no	-	CUSTOMER	sheet 4 of 5		

PDM: Rev:A

STATUS: Released

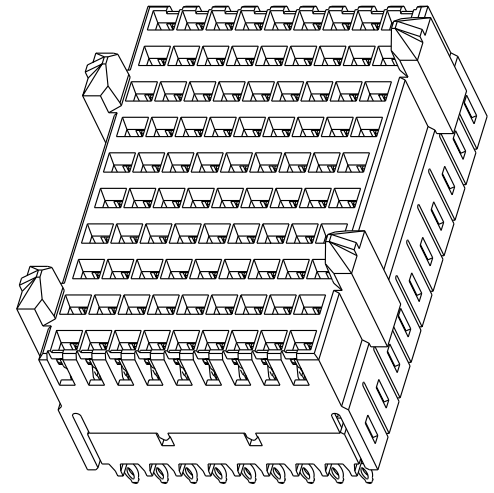
4 Printed: Mar 07, 2006

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PART NUMBER	PRESS-FIT TAIL PLATING TYPE
10034251-101	TIN/LEAD ALLOY OVER NICKEL
10034251-101LF	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: GOLD OVER NICKEL
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.

PRELIMINARY

title	AirMax VS VERT RECPT ASSY PRESS-FIT, 90 POS, 20MM	dwg no	10034251	Rev.	A
catalog no	-	CUSTOMER	sheet 5 of 5		