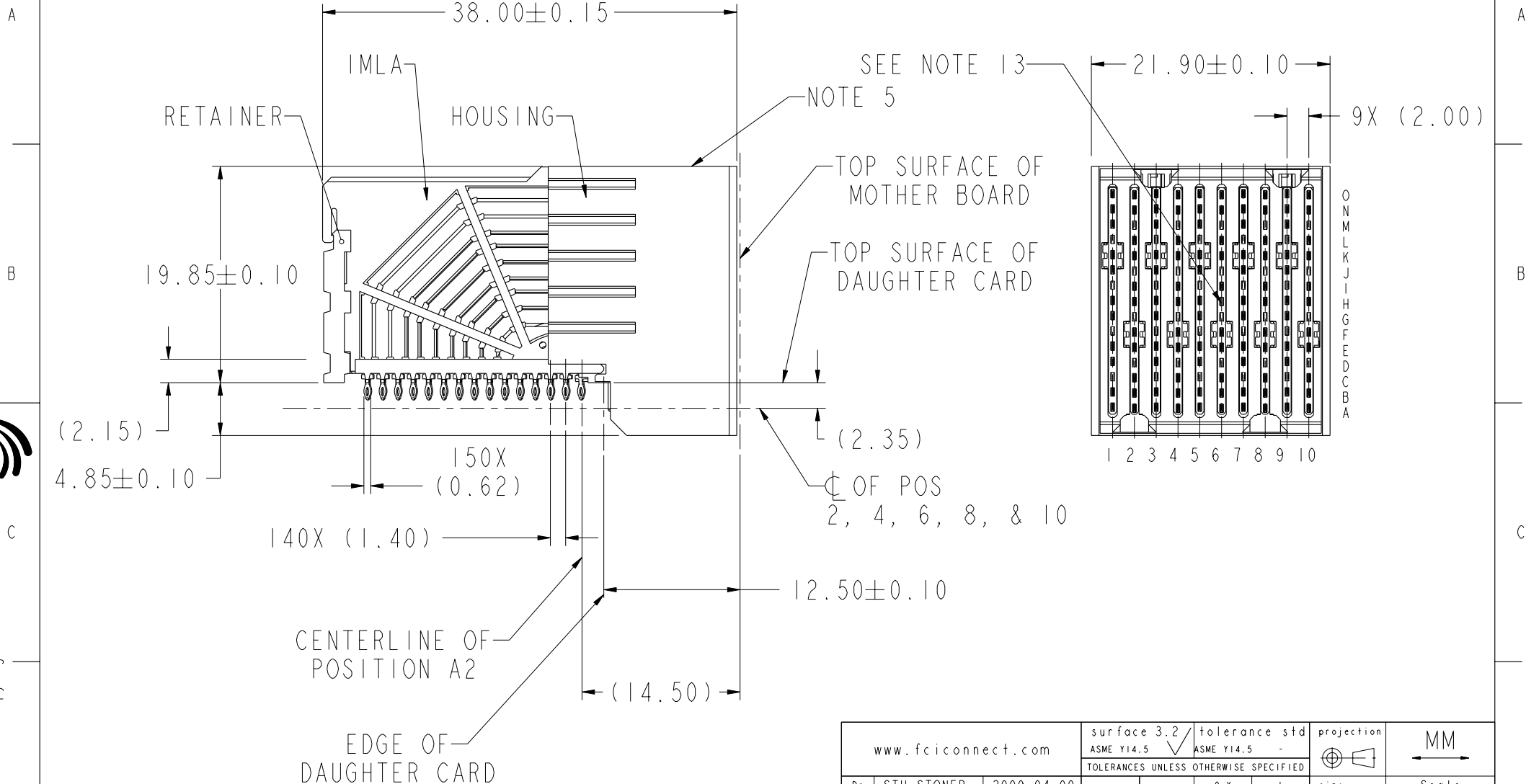


PRODUCT NUMBER  
SEE TABLE, SHEET 5



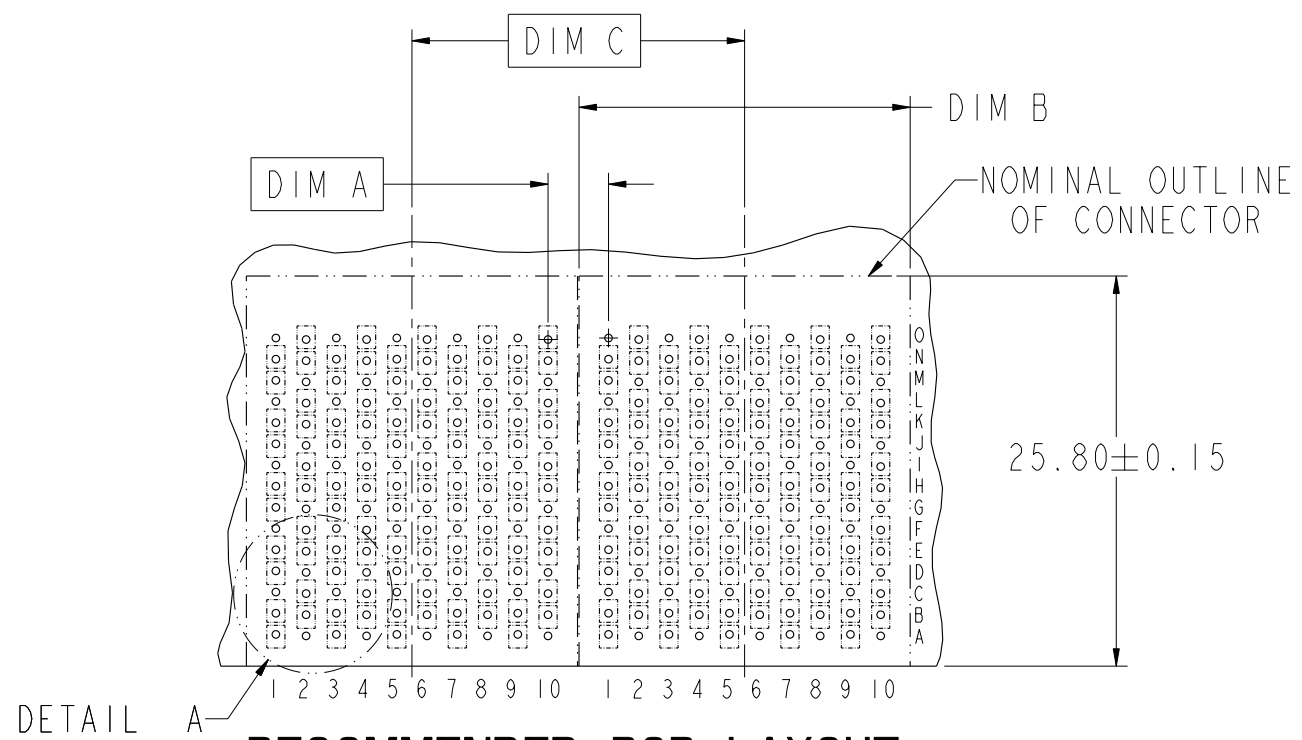
rev	ecn no	dr	date
A	V09-0283	SCS	2009-06-04
B	V10-0010	SCS	2010-01-11
C	V10-0025	SCS	2010-01-21
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-

www.fciconnect.com			surface 3.2 ASME Y14.5	tolerance std ASME Y14.5	projection	MM
			TOLERANCES UNLESS OTHERWISE SPECIFIED			
Dr	STU STONER	2009-04-09	ANGULAR LINEAR	0.X	±	size A4 Scale 2:1
Eng	STU STONER	2009-04-09		0.XX	±	
Chr	STU STONER	2009-04-09		0.XXX	±	
Appr	S MINICH	-	Product family AirMax VS		ECN	***
			Title AirMax VS R/A HEADER ASSY		Spec ref	
			85 OHM, PRESS-FIT, 150 POS, 22MM		10097311	
			catalog no		CUSTOMER	
					sheet 1 of 5	



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DESCRIPTION	DIM A	DIM B	DIM C
2-22MM MODULES PLACED END-TO-END	4.00	2X 21.90	22.00
1-20MM MODULE & 1-22MM MODULE PLACED END-TO-END	3.00	1X 19.90 & 1X 21.90	21.00



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

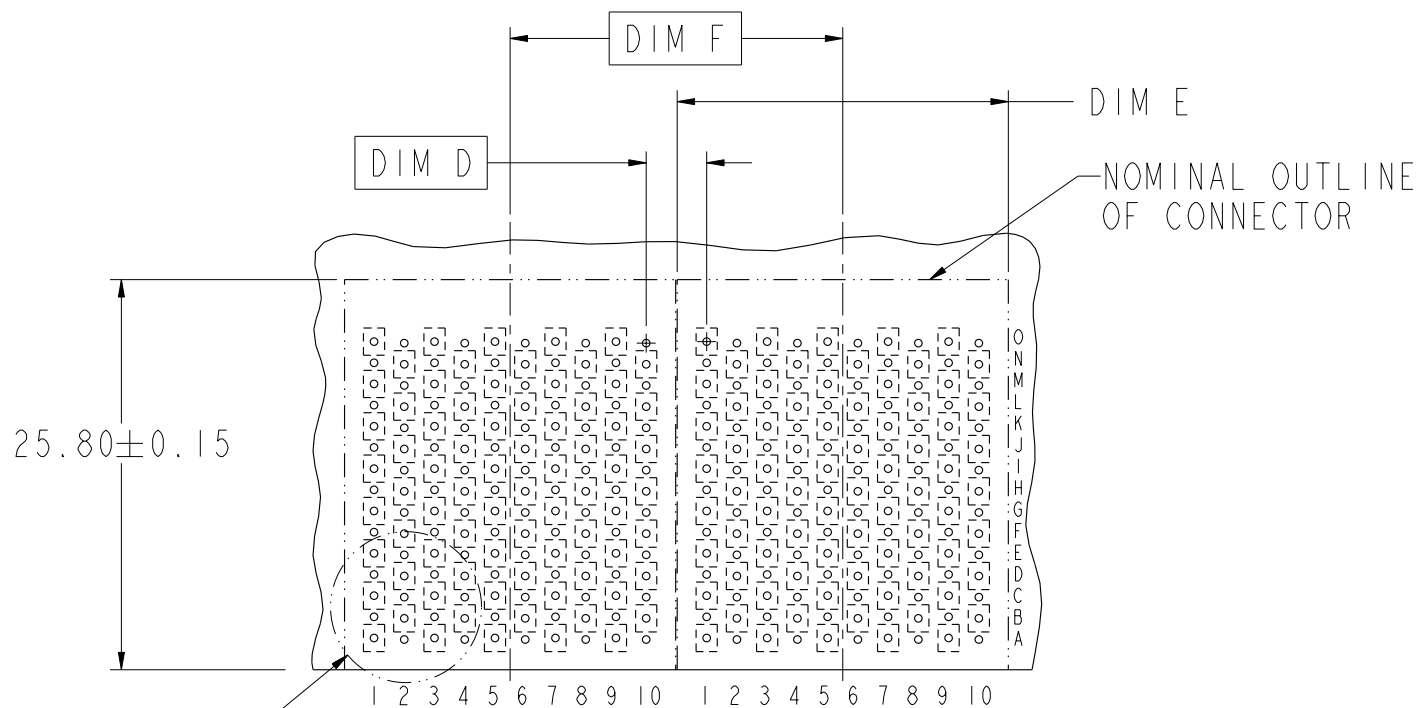


title	AirMax VS R/A HEADER ASSY 85 OHM, PRESS-FIT, 150 POS, 22MM	dwg no	10097311	Rev.	C
catalog no	-	CUSTOMER	sheet 2 of 5		



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DESCRIPTION	DIM D	DIM E	DIM F
2-22MM MODULES PLACED END-TO-END	4.00	2X 21.90	22.00
1-20MM MODULE & 1-22MM MODULE PLACED END-TO-END	3.00	1X 19.90 & 1X 21.90	21.00



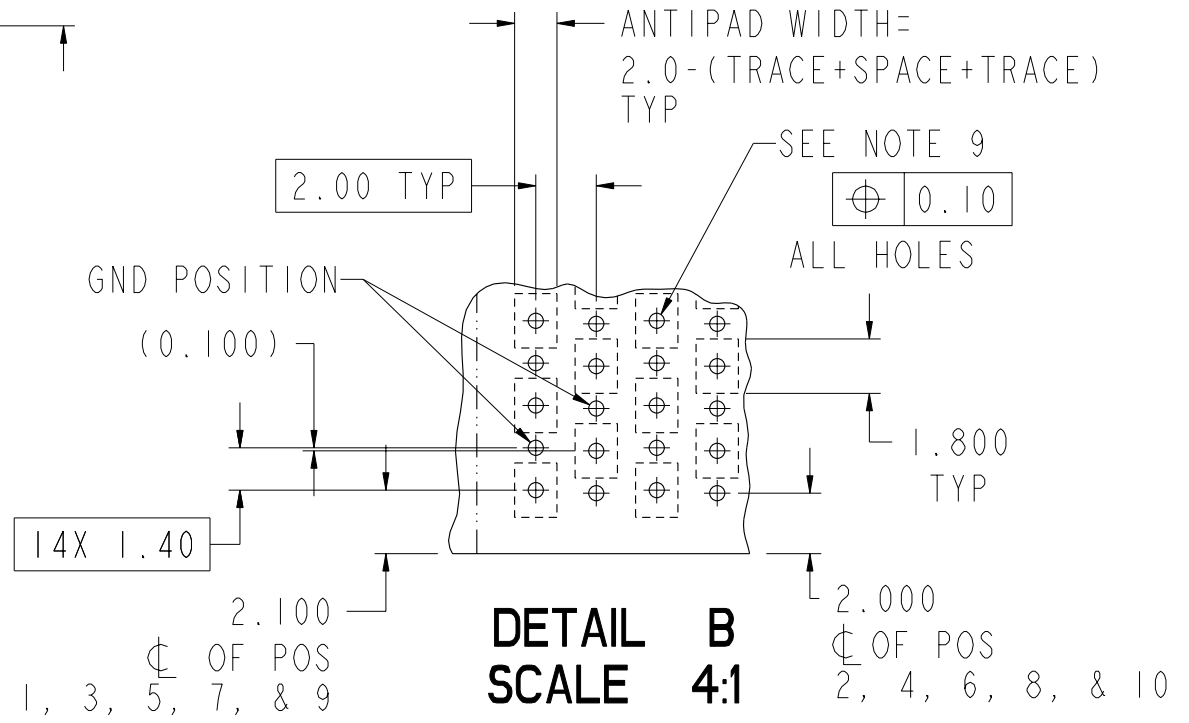
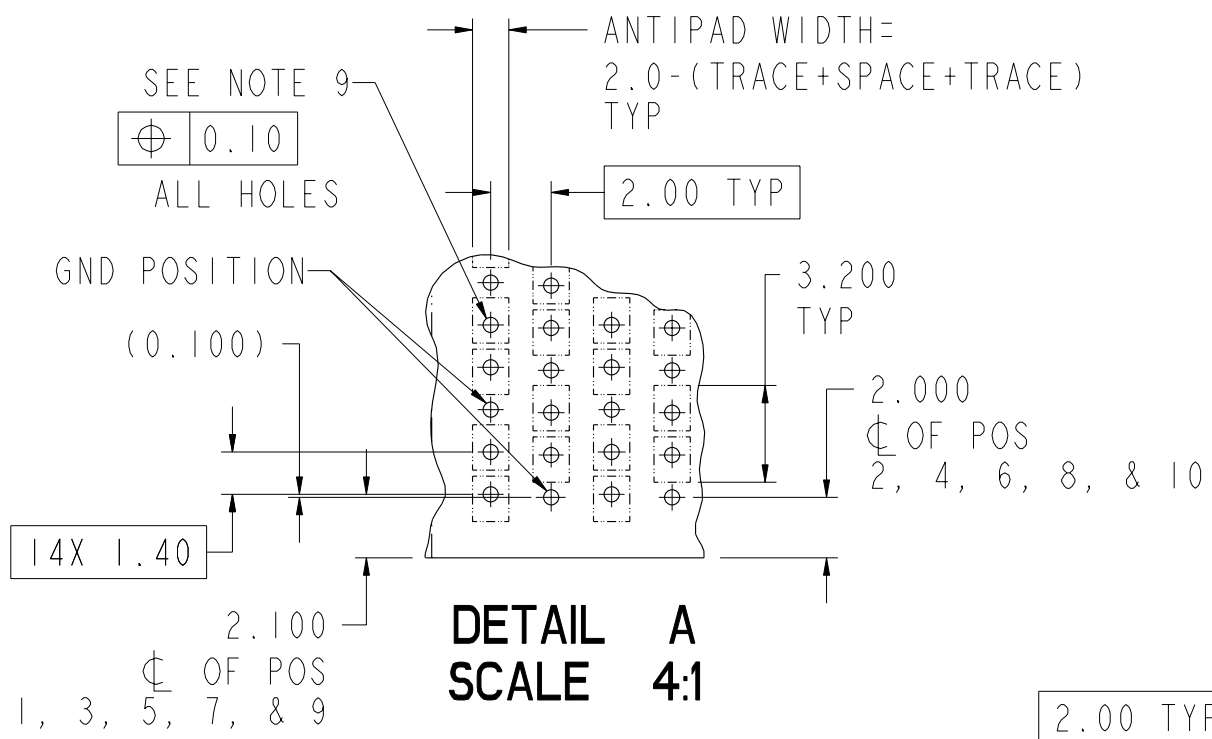
**RECOMMENDED PCB LAYOUT  
FOR SINGLE ENDED APPLICATIONS  
COMPONENT SIDE  
(TWO ADJACENT FOOTPRINTS SHOWN)  
NOTES 6 & 7**



title	AirMax VS R/A HEADER ASSY	dwg no	10097311	Rev.	C
	85 OHM, PRESS-FIT, 150 POS, 22MM				
catalog no	-	CUSTOMER	sheet 3 of 5		



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title	AirMax VS R/A HEADER ASSY		dwg no	10097311	Rev. C
	85 OHM, PRESS-FIT, 150 POS, 22MM				
catalog no	-		CUSTOMER		

A

B

C

D

PART NUMBER	PRESS-FIT TAIL PLATING TYPE	SHORT DETECT CONTACT
10097311-101	TIN/LEAD ALLOY OVER NICKEL	NO
10097311-101LF	TIN OVER NICKEL (LEAD FREE)	
10097311-111	TIN/LEAD ALLOY OVER NICKEL	YES (SEE NOTE 13)
10097311-111LF	TIN OVER NICKEL (LEAD FREE)	

## NOTES:

1. CONNECTOR MATERIALS:  
HOUSING & RETAINER: HIGH TEMP THERMOPLASTIC, GREY, UL94V-0  
IMLA PLASTIC: HIGH TEMP THERMOPLASTIC, GREY, 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

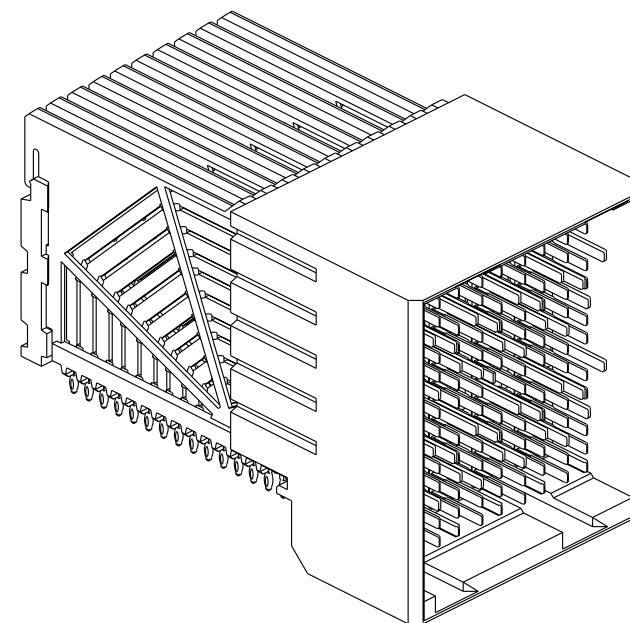
4. APPLICATION SPECIFICATION: GS-20-035

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 AND L OF ODD NUMBERED COLUMNS AND POSITIONS G AND M  
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 &  
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 H6 HAS 0.5mm LESS WIPE THAN THE  
SHORTEST SIGNAL PIN.

14. A  $\triangle B$  SYMBOL WILL BE NEXT TO ANY DIMENSION,  
VIEW, OR NOTE WHICH HAS BEEN MODIFIED WITH  
THE CURRENT DRAWING REVISION.



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85 OHM, PRESS-FIT, 150 POS, 22MM  
catalog no -

dwg no 10097311  
CUSTOMER

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C

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