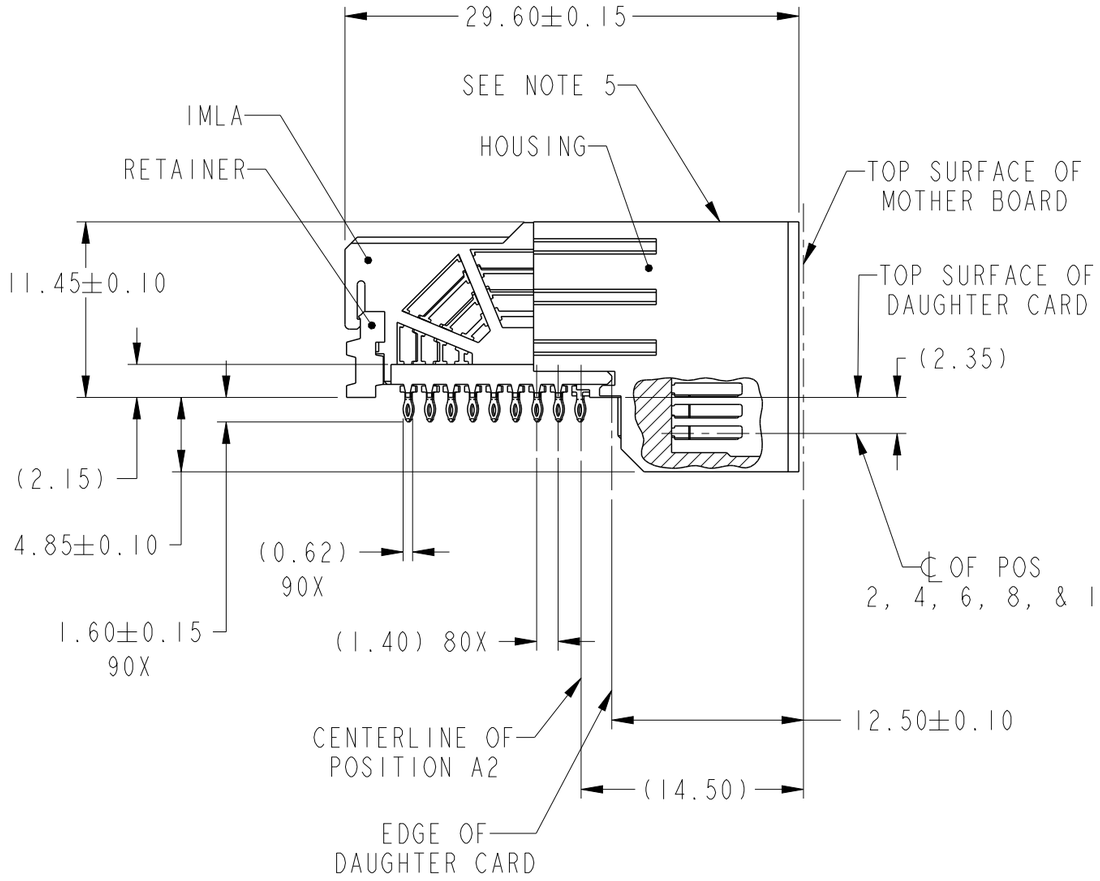
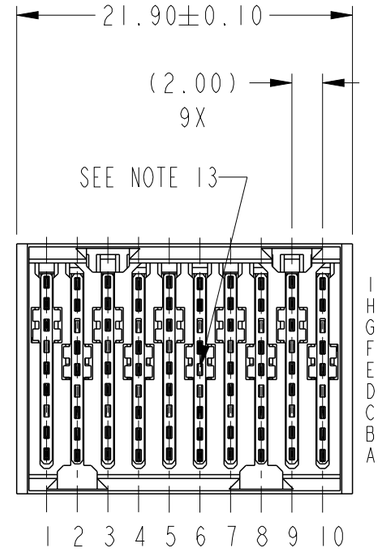
PRODUCT NUMBER
SEE TABLE, SHEET 5





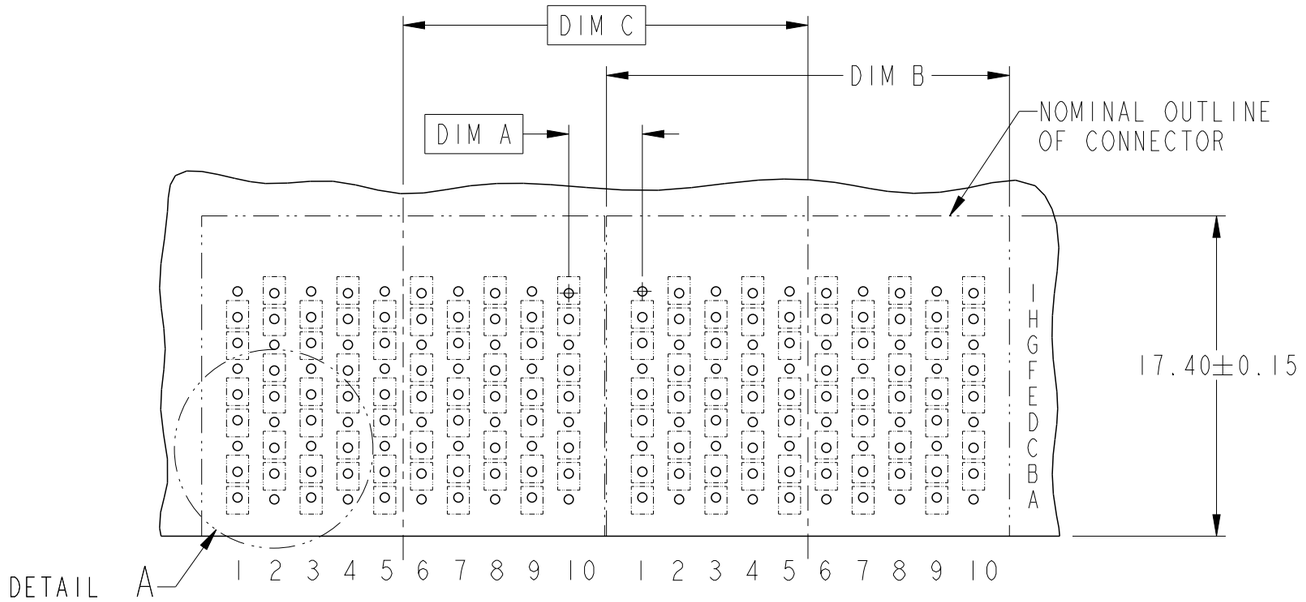
© 2020 Amphenol Corporation

spec ref				dr	Chen-Hong Tan	2006/10/02	projection	MM	size A3 / scale 5:2
tolerance std ASME Y14.5 -	TOLERANCES UNLESS OTHERWISE SPECIFIED			eng	Vito Shen	2025/10/10			ecn no ELX-DG-57589-1
				chr	-	-			
				appr	Heaven Cen	2025/10/23	product family AirMax VS		rel level Released
surface 3.2	linear	0.X	±0.3	Amphenol FCi	title	AirMax VS R/A HEADER ASSY		dwg no 10034249	rev G
		0.XX	±0.10			PRESS-FIT, 90 POS, 22MM			
ASME Y14.5		0.XXX	±0.050		cat. no. -		Product - Customer Drw		sheet 1 of 5
	angular	0°	±2°						

Creo File:ELX-WC-A3C,REV F,2020-12-21

PDS: Rev :G STATUS:Released Printed: Oct 23, 2025

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



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

© 2020 Amphenol Corporation

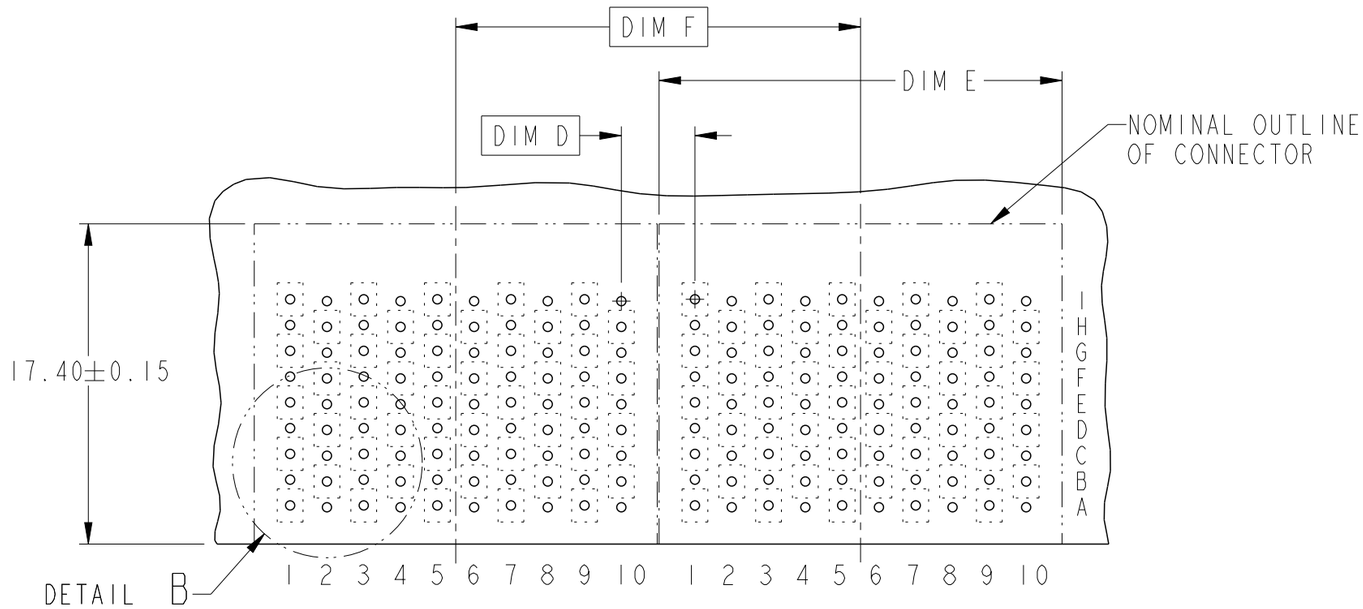
spec ref				dr	Chen-Hong Tan	2006/10/02	projection	MM
tolerance std ASME Y14.5 -	TOLERANCES UNLESS OTHERWISE SPECIFIED			eng	Vito Shen	2025/10/10		
				chr	-	-		
				appr	Heaven Cen	2025/10/23	product family	
surface 3.200 ASME Y14.5	linear	0.X	±0.3	Amphenol FCi	title	AirMax VS R/A HEADER ASSY	dwg no	10034249
		0.XX	±0.10			PRESS-FIT, 90 POS, 22MM		
		0.XXX	±0.050					
	angular	0°	±2°		cat. no.	-	Product - Customer Drw	

size	scale	rev
A3	3:1	
ecn no	ELX-DG-57589-1	
rel level	Released	G
sheet 2 of 5		

Creo File:ELX-WC-A3C,REV F,2020-12-21

PDS: Rev :G STATUS:Released Printed: Oct 23, 2025

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

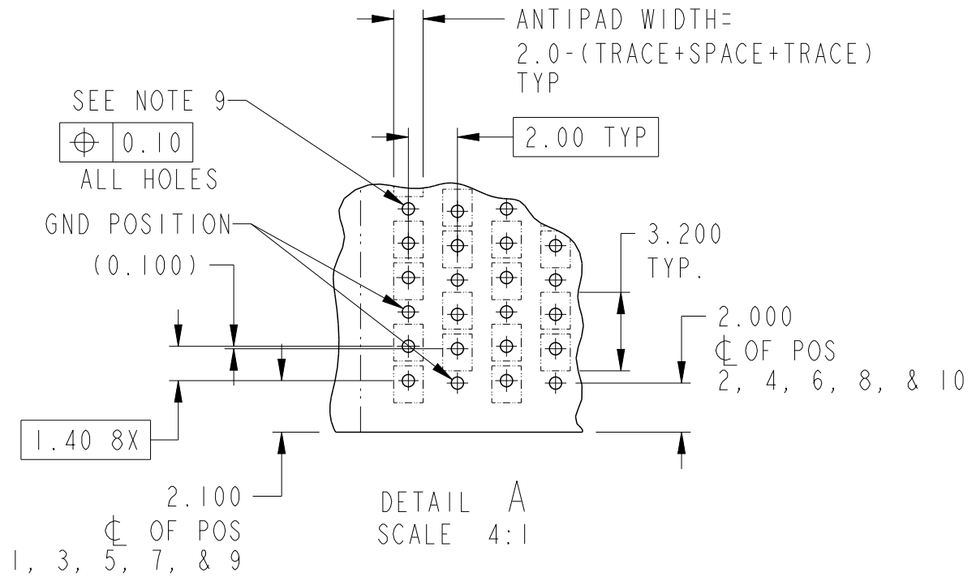


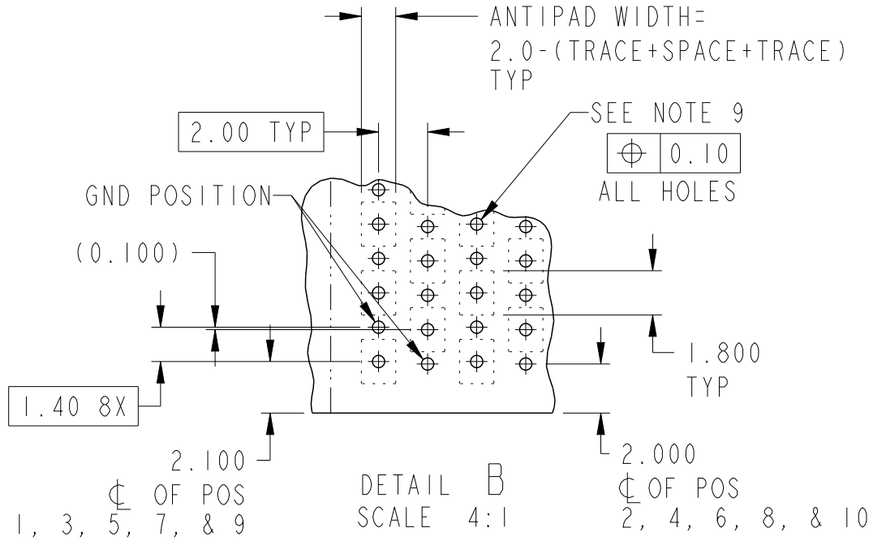
RECOMMENDED PCB LAYOUT
FOR SINGLE ENDED APPLICATIONS
COMPONENT SIDE
(TWO ADJACENT FOOTPRINTS SHOWN)
NOTES 6 & 7

© 2020 Amphenol Corporation

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	Vito Shen	2025/10/10			ecn no ELX-DG-57589-1
				chr	-	-			rel level Released
surface 3.200 ASME Y14.5	linear	0.X	±0.3	appr	Heaven Cen	2025/10/23	product family		
		0.XX	±0.10	Amphenol FCi	title: AirMax VS R/A HEADER ASSY, PRESS-FIT, 90 POS, 22MM		dwg no 10034249		rev G
		0.XXX	±0.050						
	angular	0°	±2°		cat. no. -		Product - Customer Drw		sheet 3 of 5

Creo File:ELX-MC-A3C,REV F,2020-12-21





© 2020 Amphenol Corporation

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	Vito Shen	2025/10/10	ecn no: ELX-DG-57589-1
surface 3.200 ASME Y14.5	linear	0.X	±0.3	chr	-	-	rel level: Released
		0.XX	±0.10	appr	Heaven Cen	2025/10/23	product family
		0.XXX	±0.050	Amphenol FCi	title: AirMax VS R/A HEADER ASSY, PRESS-FIT, 90 POS, 22MM		dwg no: 10034249; rev: G
	angular	0°	±2°		cat. no. -	Product - Customer Drw	sheet 4 of 5

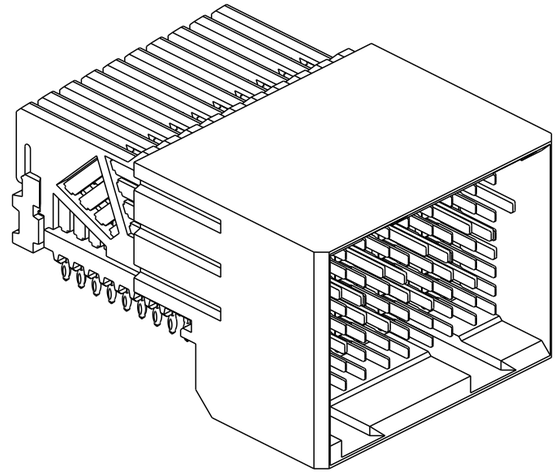
Creo File:ELX-WC-A3C,REV F,2020-12-21

PDS: Rev :G

STATUS:Released

Printed: Oct 23, 2025

PART NUMBER	PRESS-FIT TAIL PLATING TYPE	SHORT DETECT CONTACT	REMARKS
10034249-101	TIN/LEAD ALLOY OVER NICKEL	NO	TELECORDIA CO
10034249-101LF	TIN OVER NICKEL (LEAD FREE)		
10034249-111	TIN/LEAD ALLOY OVER NICKEL	YES (SEE NOTE 13)	
10034249-111LF	TIN OVER NICKEL (LEAD FREE)		
10034249-501LF	TIN OVER NICKEL (LEAD FREE)	NO	TELECORDIA UE



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 1003591I 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 E6 HAS 0.5mm LESS NOMINAL WIPE THAN THE SHORTEST SIGNAL PIN.

© 2020 Amphenol Corporation

spec ref				dr	Chen-Hong Tan	2006/10/02	projection	MM	size A3 / scale 5:2
tolerance std ASME Y14.5 -	TOLERANCES UNLESS OTHERWISE SPECIFIED			eng	Vito Shen	2025/10/10			ecn no ELX-DG-57589-1
				chr	-	-			
				appr	Heaven Cen	2025/10/23	product family	AirMax VS	rel level Released
surface 3.2 ASME Y14.5	linear	0.X	±0.3	Amphenol FCi	title	AirMax VS R/A HEADER ASSY PRESS-FIT, 90 POS, 22MM		dwg no 10034249	rev G
		0.XX	±0.10						
		0.XXX	±0.050						
	angular	0°	±2°		cat. no. -	Product - Customer Drw			sheet 5 of 5

Creo File:ELX-MC-A3C,REV F,2020-12-21