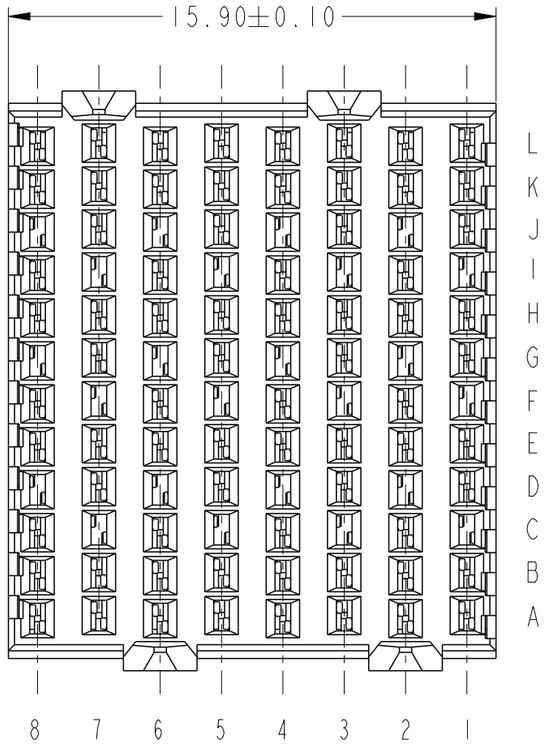
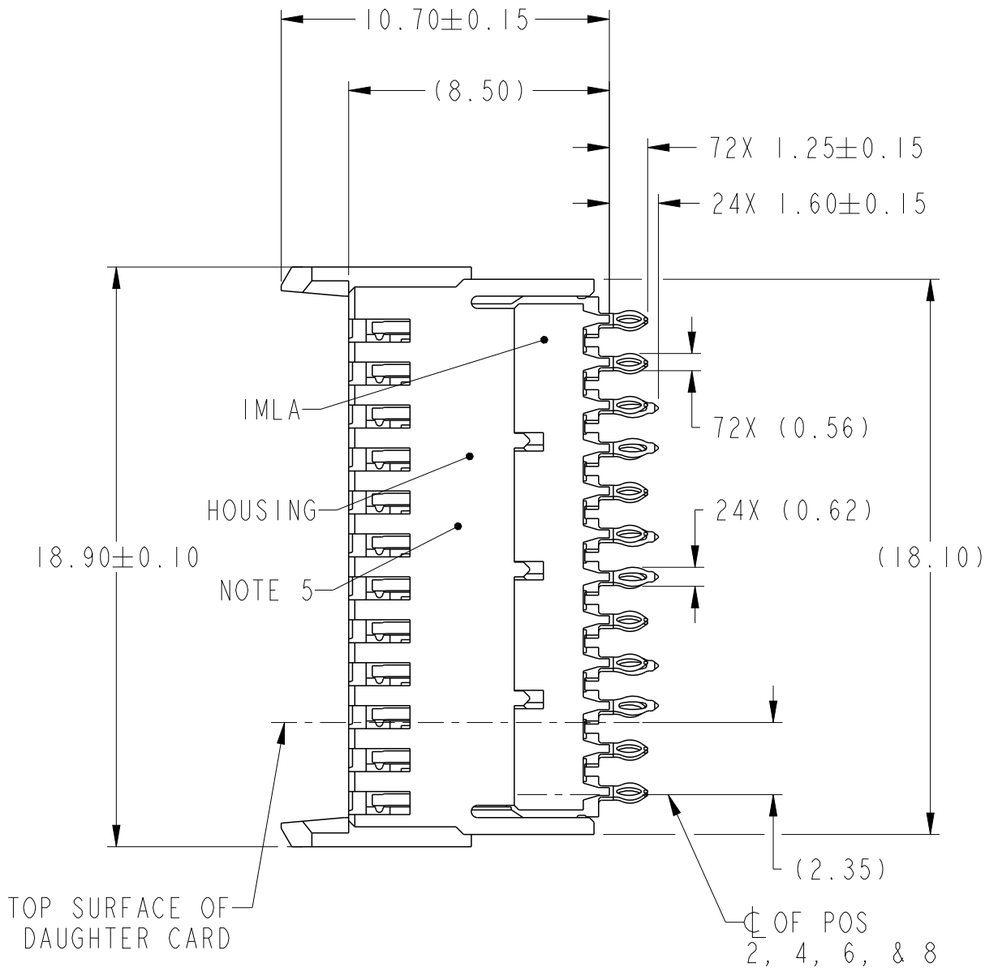
PRODUCT NUMBER
SEE TABLE, SHT 4

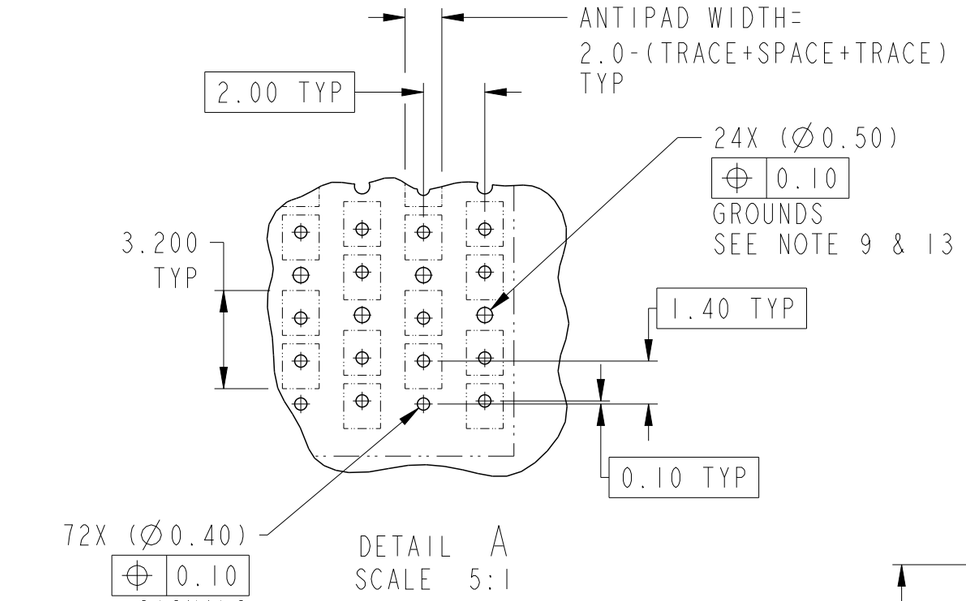




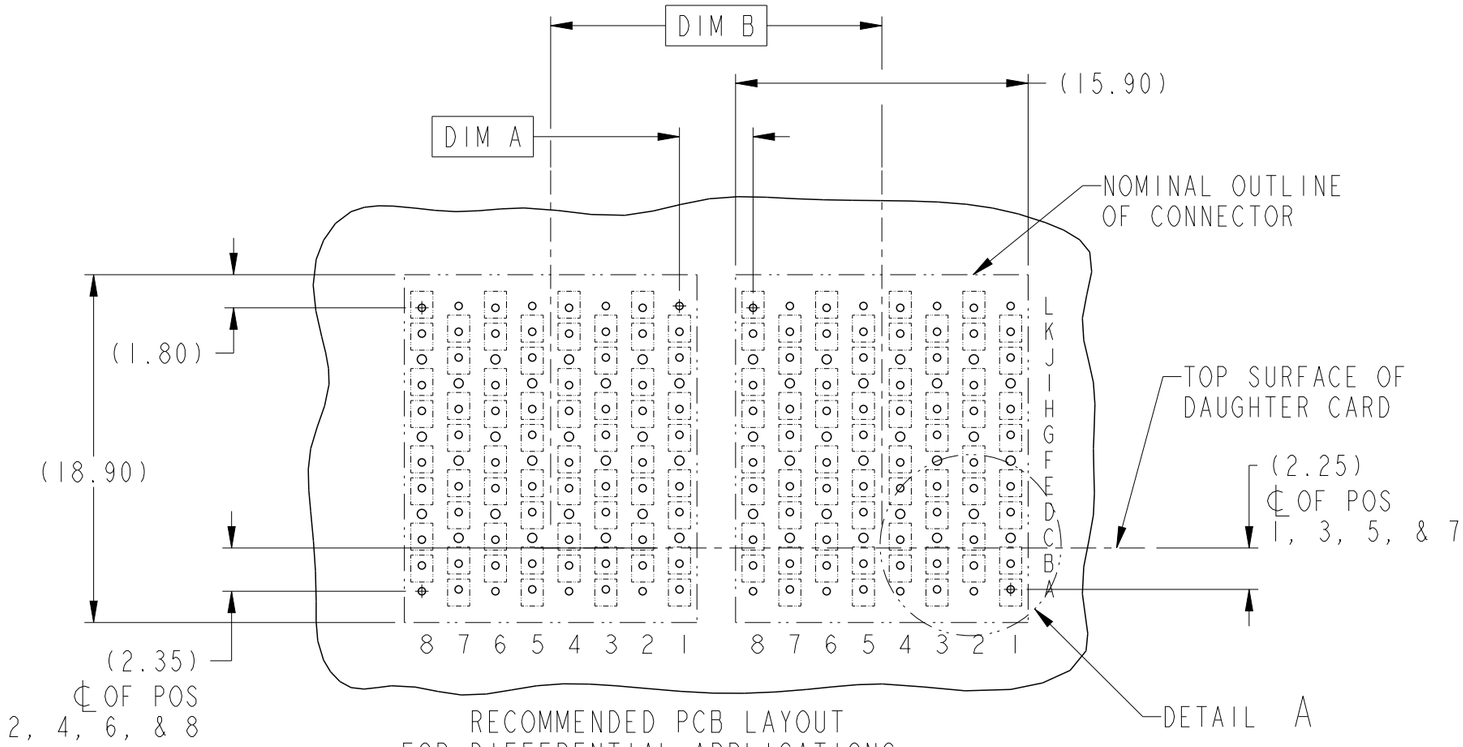
spec ref				dr	Manoharan Srin	2012/05/14	projection	MM
tolerance std ASME Y14.5 -	TOLERANCES UNLESS OTHERWISE SPECIFIED			eng	Barry Liang	2019/04/15		
				chr	-	-		
				appr	Heaven Cen	2019/05/16	product family	AirMax VS
surface -	linear	0.X	±0.3	Amphenol FCi	title	AirMax VS VERT RECEPT ASSY	dwg no	10120765
		0.XX	±0.10			SMALL-PRESS-FIT, 96 POS, 16mm		
		0.XXX	±0.050					
ASME Y14.5	angular	0°	±2°		cat. no.	-	Product - Customer Drw	

size	scale	rev
A3	5:1	B
ecn no	ELX-DG-33220-1	
rel level	Released	
sheet 1 of 3		

ADJACENT HEADER WIDTHS	DIM A	DIM B
16MM/16MM	2.00	16.00
16MM/18MM	3.00	17.00
18MM/18MM	4.00	18.00



DETAIL A
SCALE 5:1



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

spec ref				dr	Manoharan Srin	2012/05/14	projection: MM
tolerance std ASME Y14.5 -	TOLERANCES UNLESS OTHERWISE SPECIFIED			eng	Barry Liang	2019/04/15	size: A3 scale: 1:1
				chr	-	-	ecn no: ELX-DG-33220-1
surface -	linear	0.X	±0.3	appr	Heaven Cen	2019/05/16	product family: AirMax VS rel level: Released
		0.XX	±0.10	Amphenol FCi	title: AirMax VS VERT RECEPT ASSY SMALL-PRESS-FIT, 96 POS, 16mm		dwg no: 10120765 rev: B
ASME Y14.5		0.XXX	±0.050				
	angular	0°	±2°		cat. no. -	Product - Customer Drw	sheet 2 of 3

PRODUCT NUMBER	PRESS-FIT TAIL PLATING TYPE
10120765-101	TIN/LEAD ALLOY OVER NICKEL
10120765-101LF	TIN OVER NICKEL (LEAD FREE)

NOTES:

1. CONNECTOR MATERIALS:
   HOUSING: 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.
   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. POSITION F OF ODD NUMBERED COLUMNS AND POSITION G OF EVEN NUMBERED COLUMNS CORRESPOND TO EARLY MATE HEADER PINS

8. THERE IS NO GROUND BUSSING WITHIN THE CONNECTOR SYSTEM

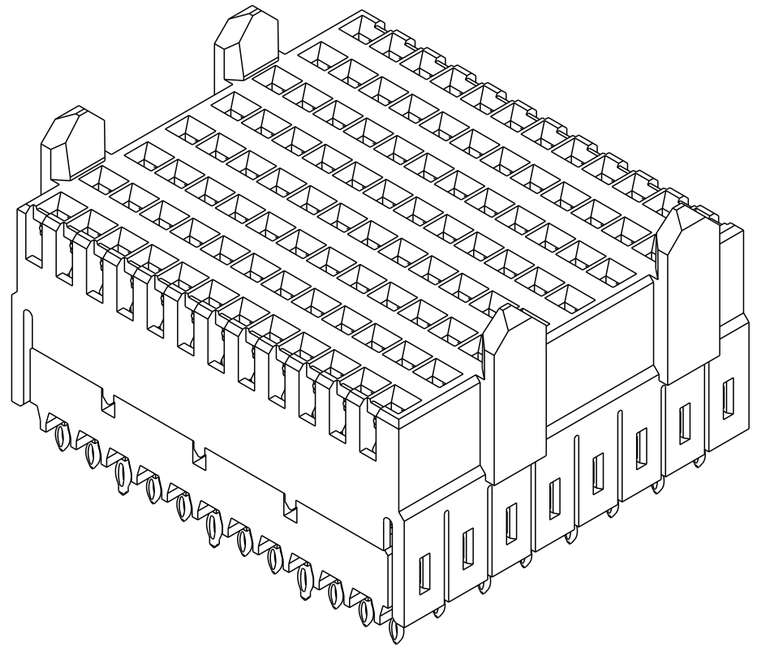
9. SEE CUSTOMER DRAWING 10104444 FOR INFORMATION ON PCB HOLE DIAMETER AND PLATING OPTIONS

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

13. GROUND VIAS IN POSITON C, F, & I FOR ODD COLUMNS AND POSITIONS D, G & J FOR EVEN COLUMNS REQUIRE (∅0.50) FINISHED HOLES. ALL OTHER VIAS REQUIRE (∅0.40) FINISHED HOLES.



spec ref			dr	Manoharan Srin	2012/05/14	projection	MM
tolerance std ASME Y14.5 -	TOLERANCES UNLESS OTHERWISE SPECIFIED		eng	Barry Liang	2019/04/15		
			chr	-	-		
			appr	Heaven Cen	2019/05/16	product family	AirMax VS
surface -	linear	0.X ±0.3	Amphenol FCi	title	AirMax VS VERT RECEPT ASSY	dwg no	10120765
		0.XX ±0.10			SMALL-PRESS-FIT, 96 POS, 16mm		
		0.XXX ±0.050					
ASME Y14.5	angular	0° ±2°		cat. no.	-	Product - Customer Drw	

size	scale	rev
A3	5:1	B
ecn no	ELX-DG-33220-1	
rel level	Released	
sheet 3 of 3		

Creo File - REV E - 2016-02-12

PDS: Rev :B STATUS:Released Printed: May 16, 2019