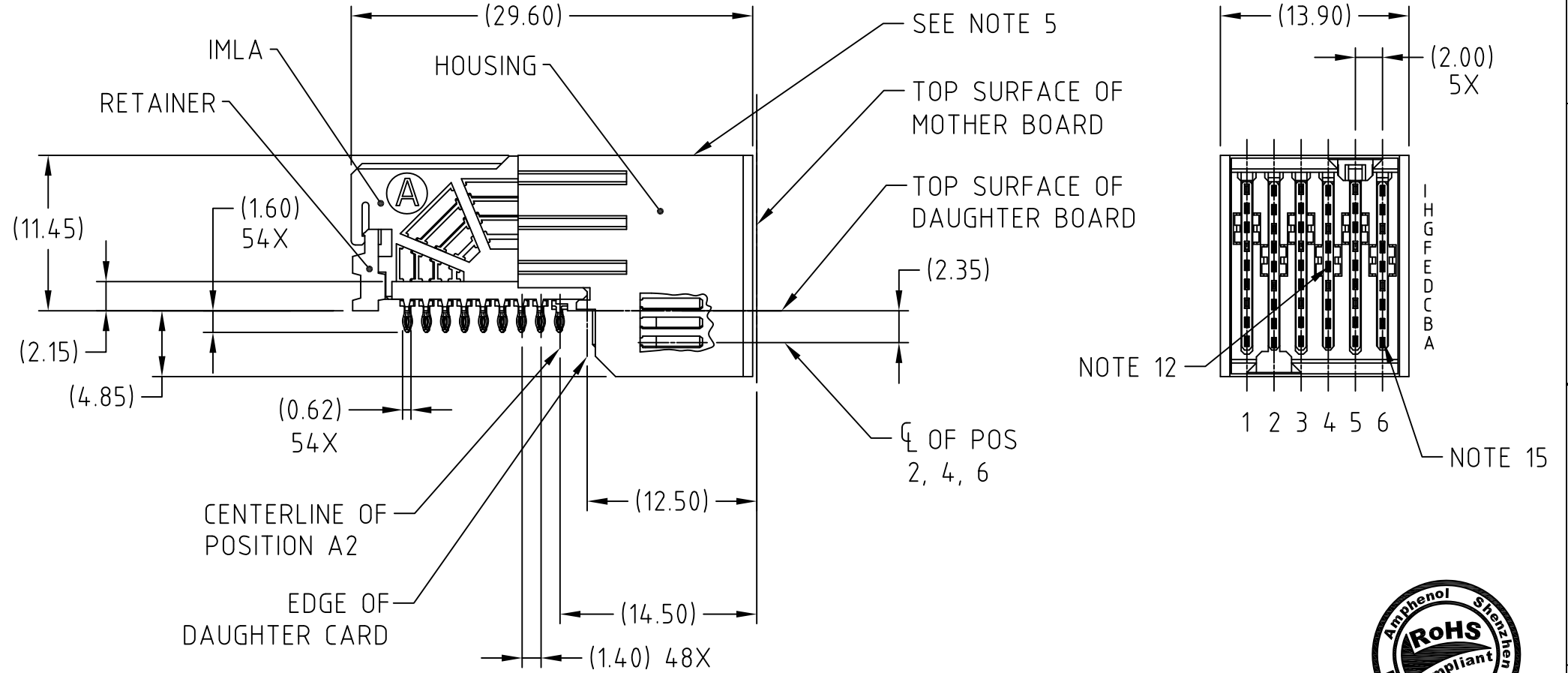


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CUSTOMER DRAWING

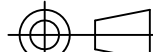
REVISIONS				
SYM	ECN	DESCRIPTION	DATE	APPROVED
1	HK6577	RELEASE FOR CUSTOMER	10/18/11	Charles

ORDERING PN SEE TABLE 1, SHEET 5



SEE TABLE 1, SHEET 5

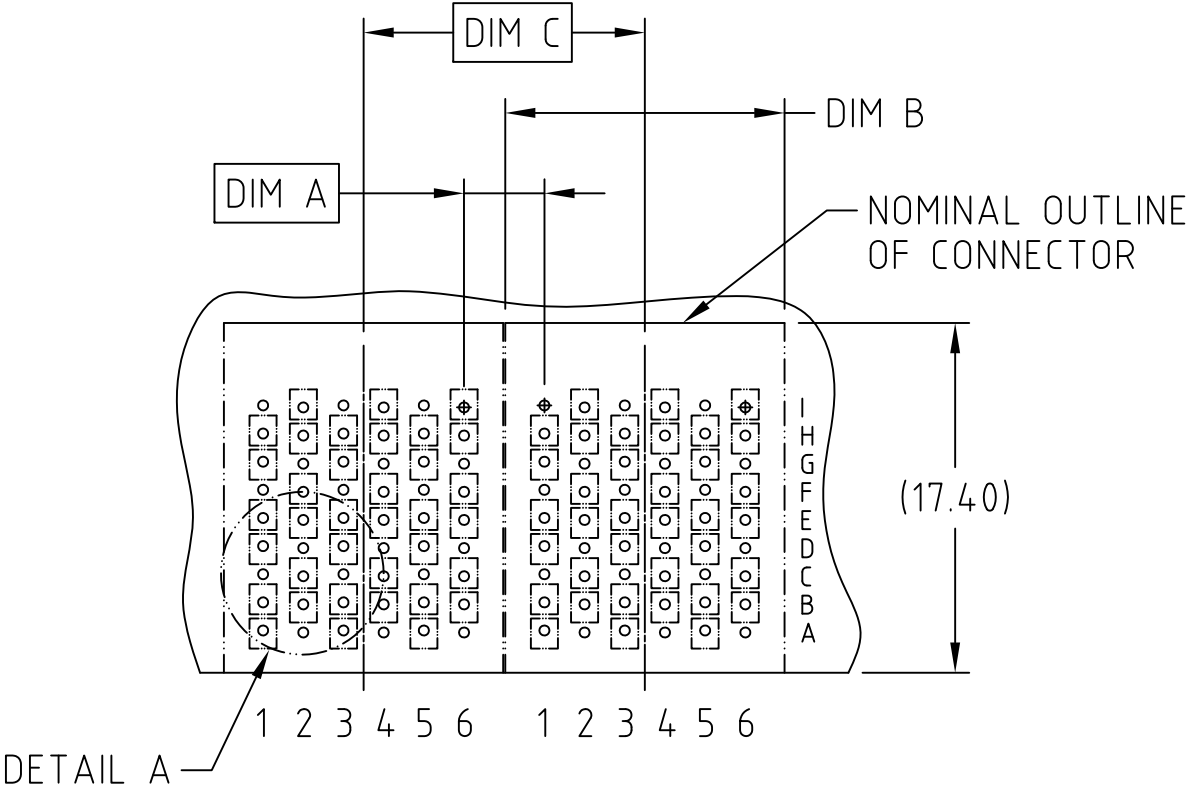


UNLESS OTHERWISE SPECIFIED TOLERANCES		APPROVAL		DATE		Amphenol	
U.S.		DRAWN		Johnny			
METRIC		CHECKED		Charles			
.X +/-		0.3		10/18/11		TITLE AirMax VS RA HEADER ASSY PRESS-FIT, 54 POS, 14MM	
.XX +/-		0.2		10/18/11			
.XXX +/-							
FRACTIONS +/-						SIZE DRAWING NO. A3 C AA2300610Y	
ANGLES +/-		2°					
FOR MATERIALS AND FINISHES SEE SPECIFICATIONS		DRAWING FILE :		AA2300610Y		REV. 1	
REMOVE SHARP EDGES		ANGLE OF PROJECTION					
DIMENSIONS							
U.S.		INCHES		SCALE		1:1	
(METRIC)		(MM)		SHEET 1		OF 5	

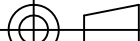
CUSTOMER DRAWING

REVISIONS				
SYM	ECN	DESCRIPTION	DATE	APPROVED
		SEE SHEET 1		

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



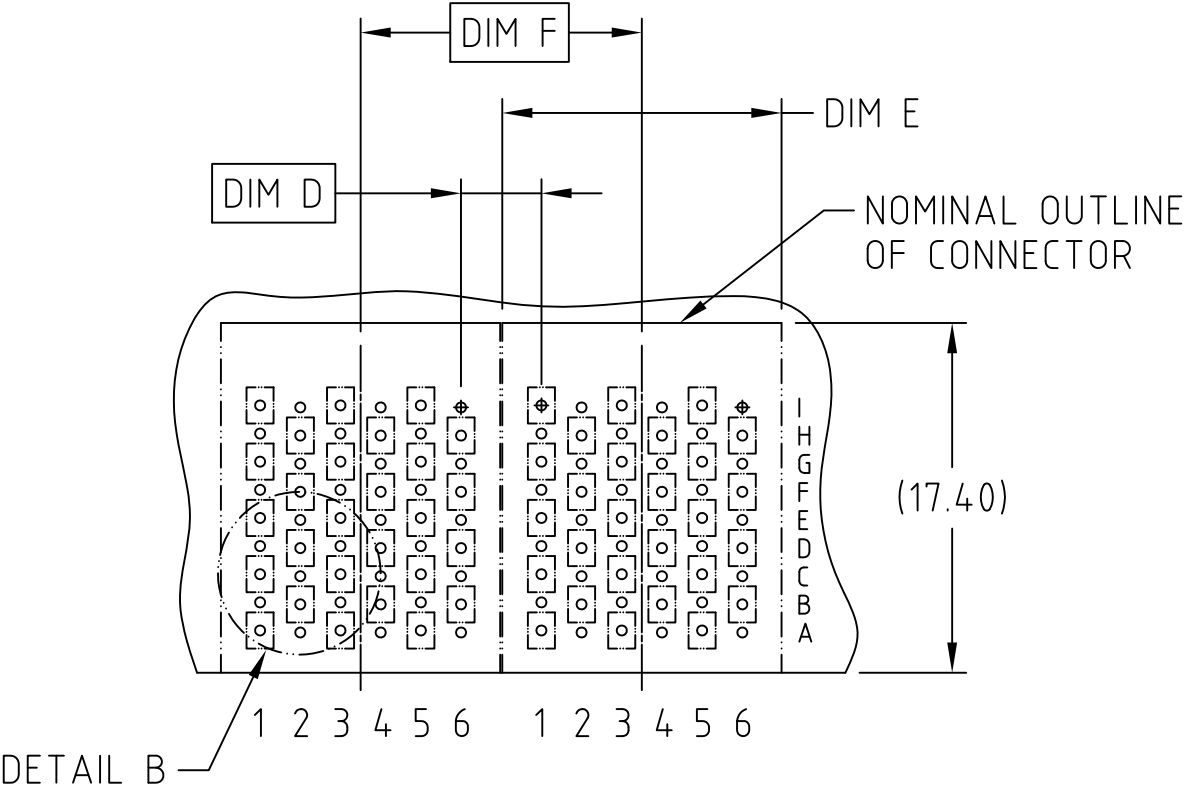
RECOMMENDED PCB LAYOUT
FOR DIFFERENTIAL APPLICATIONS
COMPONENT SIDE
(TWO ADJACENT FOOTPRINTS SHOWN)
NOTES 6 & 7

UNLESS OTHERWISE SPECIFIED TOLERANCES		APPROVAL		DATE		Amphenol	
U.S.		DRAWN Johnny		10/18/11			
METRIC		CHECKED Charles		10/18/11			
		CHECKED					
.X +/- 0.2				TITLE		AirMax VS RA HEADER ASSY PRESS-FIT, 54 POS, 14MM	
.XX +/- 0.1							
.XXX +/- 0.05							
FRACTIONS +/-							
ANGLES +/- 2°		DRAWING FILE :					
FOR MATERIALS AND FINISHES SEE NOTES		DRAWING/VARIATION: AA2300610Y					
REMOVE SHARP EDGES		ANGLE OF PROJECTION		SIZE		DRAWING NO.	
DIMENSIONS				A3		C AA2300610Y	
U.S.				INCHES		REV.	
(METRIC)				(MM)		1	
						SCALE	
				1:1		SHEET 2 OF 5	

CUSTOMER DRAWING

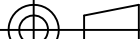
REVISIONS				
SYM	ECN	DESCRIPTION	DATE	APPROVED
		SEE SHEET 1		

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



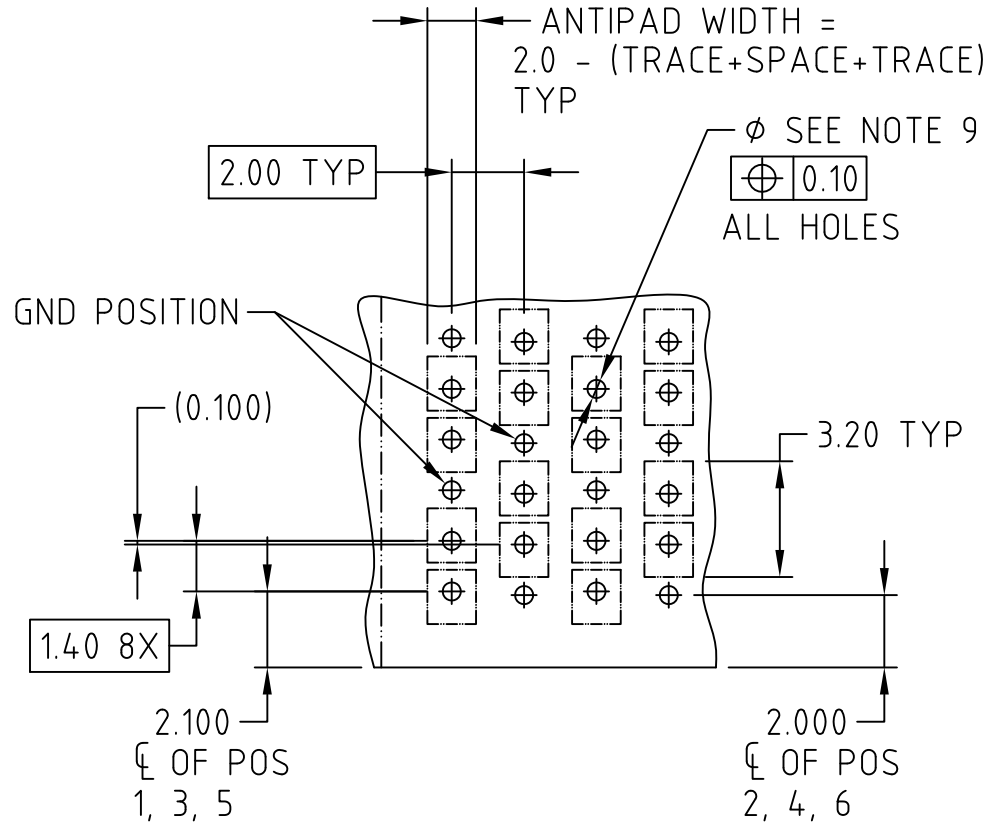
RECOMMENDED PCB LAYOUT
FOR SINGLE ENDED APPLICATIONS
COMPONENT SIDE
(TWO ADJACENT FOOTPRINTS SHOWN)
NOTES 6 & 7



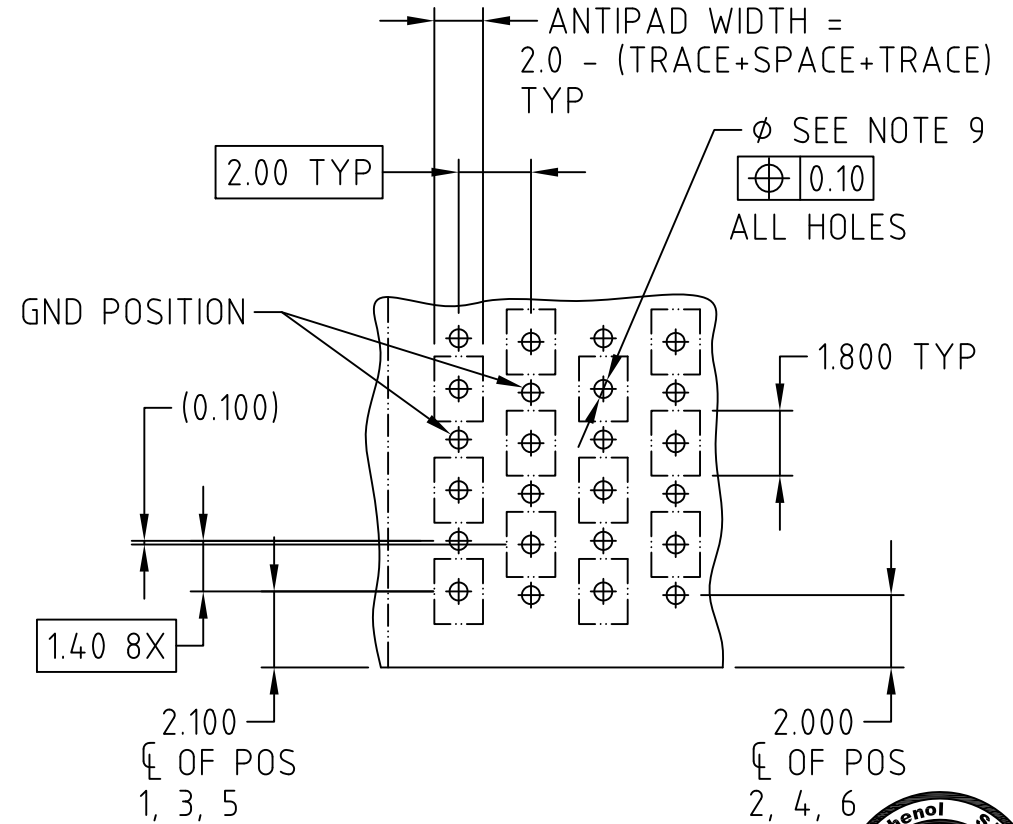
UNLESS OTHERWISE SPECIFIED TOLERANCES		APPROVAL		DATE		Amphenol	
U.S.		DRAWN Johnny		10/18/11			
METRIC		CHECKED Charles		10/18/11			
		CHECKED					
.X +/-						TITLE AirMax VS RA HEADER ASSY PRESS-FIT, 54 POS, 14MM	
.XX +/-							
.XXX +/-							
FRACTIONS +/-							
ANGLES +/-		2°					
FOR MATERIALS AND FINISHES SEE NOTES		DRAWING FILE :		DRAWING/VARI/C: AA2300610Y			
REMOVE SHARP EDGES		ANGLE OF PROJECTION					
DIMENSIONS							
U.S.		-INCHES-		SIZE		DRAWING NO.	
(METRIC)		(MM)		A3		C AA2300610Y	
				SCALE		1:1	
						SHEET 3 OF 5	

CUSTOMER DRAWING

REVISIONS				
SYM	ECN	DESCRIPTION	DATE	APPROVED
		SEE SHEET 1		



DETAIL A
SCALE 2:1



DETAIL B
SCALE 2:1



UNLESS OTHERWISE SPECIFIED TOLERANCES		APPROVAL		DATE		Amphenol	
U.S. METRIC		DRAWN Johnny		10/18/11			
		CHECKED Charles		10/18/11			
.X +/- 0.2						TITLE AirMax VS RA HEADER ASSY PRESS-FIT, 54 PDS, 14MM	
.XX +/- 0.1							
.XXX +/- 0.05							
FRACTIONS +/-		DRAWING FILE :					
ANGLES +/- 2°		DRAWING/AMK/C AA2300610Y					
FOR MATERIALS AND FINISHES SEE NOTES		ANGLE OF PROJECTION					
REMOVE SHARP EDGES							
DIMENSIONS				SIZE DRAWING NO.		REV.	
— U.S. — — INCHES —				A3 C AA2300610Y		1	
(METRIC) (MM)				SCALE 1:1		SHEET 4 OF 5	

CUSTOMER DRAWING

REVISIONS				
SYM	ECN	DESCRIPTION	DATE	APPROVED
		SEE SHEET 1		

NOTES:

- CONNECTOR MATERIALS:
HOUSING AND RETAINER: HIGH TEMP THERMOPLASTIC,NATURAL,UL94V-0
IMLA PLASTIC: HIGH TEMP THERMOPLASTIC,BLACK UL94V-0
CONTACT: COPPER ALLOY
- CONTACT PLATING:
SEPARABLE INTERFACE: PERFORMANCE-BASED PLATING, QUALIFIED TO MEET THE REQUIREMENTS OF AMPHENOL PRODUCT SPECIFICATION S-AMX-001, INCLUDING TELCORDIA GR-1217-CORE(NOVEMBER 1995) CENTRAL OFFICE TEST SEQUENCE.
PRESS-FIT TAILS: TIN OVER NICKEL (LEAD FREE)
- PRODUCT SPECIFICATION: S-AMX-01
- APPLICATION SPECIFICATION: S-AMX-002.
- PRODUCT MARKING, (PART NUMBER & LOT CODE), ON THIS SURFACE
- REFER TO CUSTOMER DRAWING C AMX-PCB-001 FOR INFORMATION REGARDING PCB LAYOUT OF POWER AND GUIDE MODULES RELATIVE TO SIGNAL MODULES
- POSITIONS F OF ODD NUMBERED COLUMNS AND POSITIONS G OF EVEN NUMBERED COLUMNS CORRESPOND TO EARLY MATE HEADER PINS
- THERE IS NO GROUND BUSSING WITHIN THE CONNECTOR SYSTEM
- REFER TO CUSTOMER DRAWING C AMX-PCB-002 FOR INFORMATION ON PCB HOLE
- THIS PRODUCT MEETS EUROPEAN UNION DIRECTIVES AND OTHER COUNTRY REGULATIONS.
- THE HOUSING SHOULD WITHSTAND EXPOSURE TO 260°C PEAK TEMPERATURE FOR 40 SECONDS IN A CONVECTION, INFRA-RED OR VAPOR PHASE REFLOW OVEN.
- ONLY FOR P/N: AA23006101, MATING PIN E4 HAS 0.5MM LESS NOMINAL WIPE THAN THE SHORTEST SIGNAL PIN.
- PACKAGE SPECIFICATION: PKS-AMX-001
- MATERIAL SHOULD BE FULFILLED AMPHENOL SPEC#SSN 002 AND SPEC#SSN 004;
- ONLY FOR P/N: AA23006102, MATING PIN A6 HAS 0.5MM LESS NOMINAL WIPE THAN THE SHORTEST SIGNAL PIN.

FG P/N	SHORT DETECT CONTACT
AA23006100	NO
AA23006101	YES (SEE NOTE 12)
AA23006102	YES (SEE NOTE 15)

TABLE 1



UNLESS OTHERWISE SPECIFIED TOLERANCES U.S. METRIC		APPROVAL	DATE	Amphenol	
.X +/- .XX +/- .XXX +/- FRACTIONS +/- ANGLES +/-		DRAWN Johnny	10/18/11		
FOR MATERIALS AND FINISHES SEE NOTES		CHECKED Charles	10/18/11		
REMOVE SHARP EDGES		DRAWING FILE :		TITLE AirMax VS RA HEADER ASSY PRESS-FIT, 54 PDS, 14MM	
DIMENSIONS		DRAWING/AMX/C AA2300610Y			
—U.S.— (METRIC)	—INCHES— (MM)	ANGLE OF PROJECTION		SIZE A3	DRAWING NO. C AA2300610Y
				REV. 1	
				SCALE 1:1	SHEET 5 OF 5