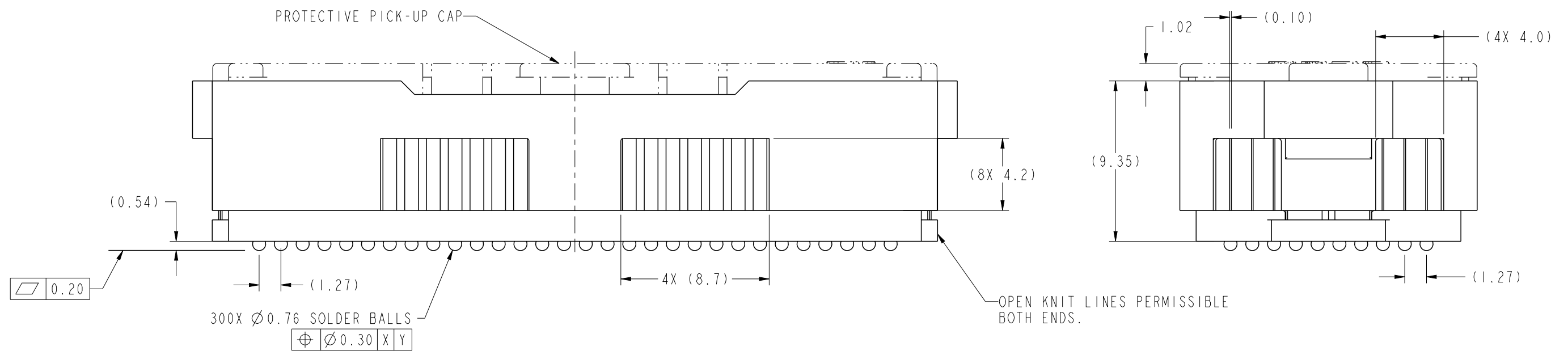
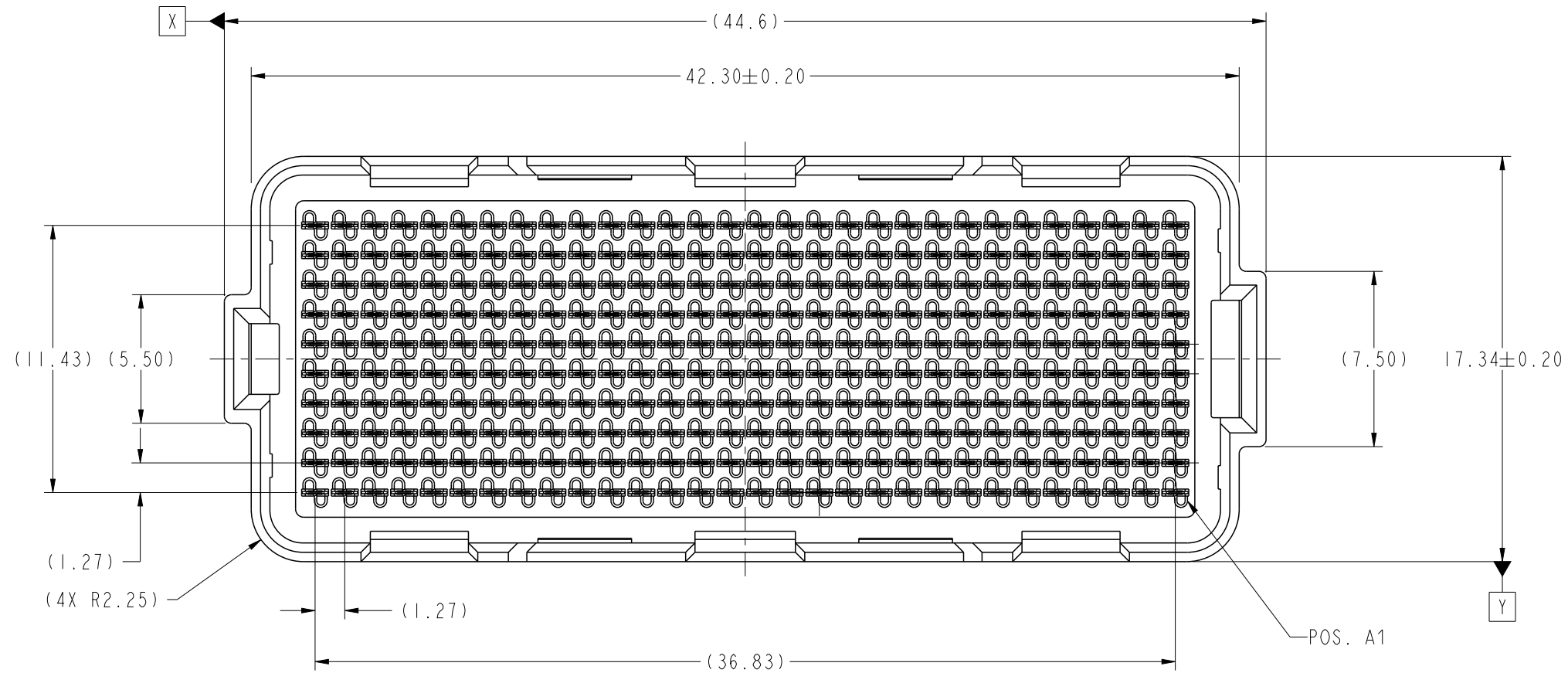
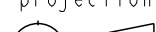




spec ref				dr	Uddagiri, Kaly	2025/05/13	projection 	MM 	size	A3	scale	4:1
tolerance std	TOLERANCES UNLESS OTHERWISE SPECIFIED			eng	Robin Johnson	2025/07/07			ecn no	ELX-V-56184-1		
ASME Y14.5M				chr	-	-						
-				appr	Jeremy Ellis	2025/07/07						product family
surface ✓	linear	0.X	±0.3	Amphenol FCI	title 6mm PLUG ASSY. 10 X 30 = 300 POS.			dwg no	84578		rev	N
		0.XX	±0.10									
		0.XXX	±0.050									
ASME Y14.5M	angular	0°	±2°	amphenol-icc.com	cat. no.			Product - Customer Drw			sheet 1 of 2	

NOTES:

① MATERIAL:

HOUSING: LCP, UL 94V-0 RATED
CONTACT: COPPER ALLOY

PLATING CONTACT: SEE TABLE ON SHEET 1
SOLDER BALL: SEE TABLE ON SHEET 1
EUTECTIC SnPb OR LEAD FREE
95.5Sn/4Ag/0.5Cu

2. OVERALL BOARD-TO-BOARD STACK HEIGHTS
AVAILABLE USING THIS CONNECTOR (84578)

MATED HT.	WITH RECPT. P/N	-2XX PLATING
10.0	84501	SEE NOTE 3 & 4
11.5	84502	*
14.0	84553	SEE NOTE 3 & 4

*84502 NOT AVAILABLE IN TELCORDIA/NORTEL VERSION.

③ PLATING FOR INDICATED -2XX SERIES PRODUCT NUMBERS. MEET
THE REQUIREMENTS OF GR-1217-CORE,
CENTRAL OFFICE ENVIRONMENT, (25 YEAR LIFE EXPECTANCY).

④ PLATING FOR INDICATED "-2XX" SERIES PRODUCT
NUMBER IS 50u INCH MIN Au OVER 100u INCH MIN. Ni
WITH SPECIAL CONTACT GEOMETRY TO
MEET REQUIREMENTS OF TELCORDIA GR-1217-CORE:
CENTRAL OFFICE ENVIRONMENT.

⑤ FOR PROPER APPLICATION FOLLOW FCI APPLICATION
SPECIFICATION GS-20-033. LEAD FREE SOLDER BALLS WILL
NOT SOLDER PROPERLY IN A LEADED SOLDER PROCESS
DUE TO A HIGHER REFLOW TEMPERATURE. LEAD FREE
PRODUCT IS THEREFORE NOT BACKWARDS COMPATIBLE WITH
LEADED OR SOME SOLDERING APPLICATIONS. REFERENCE
FCI APPLICATION SPECIFICATION.

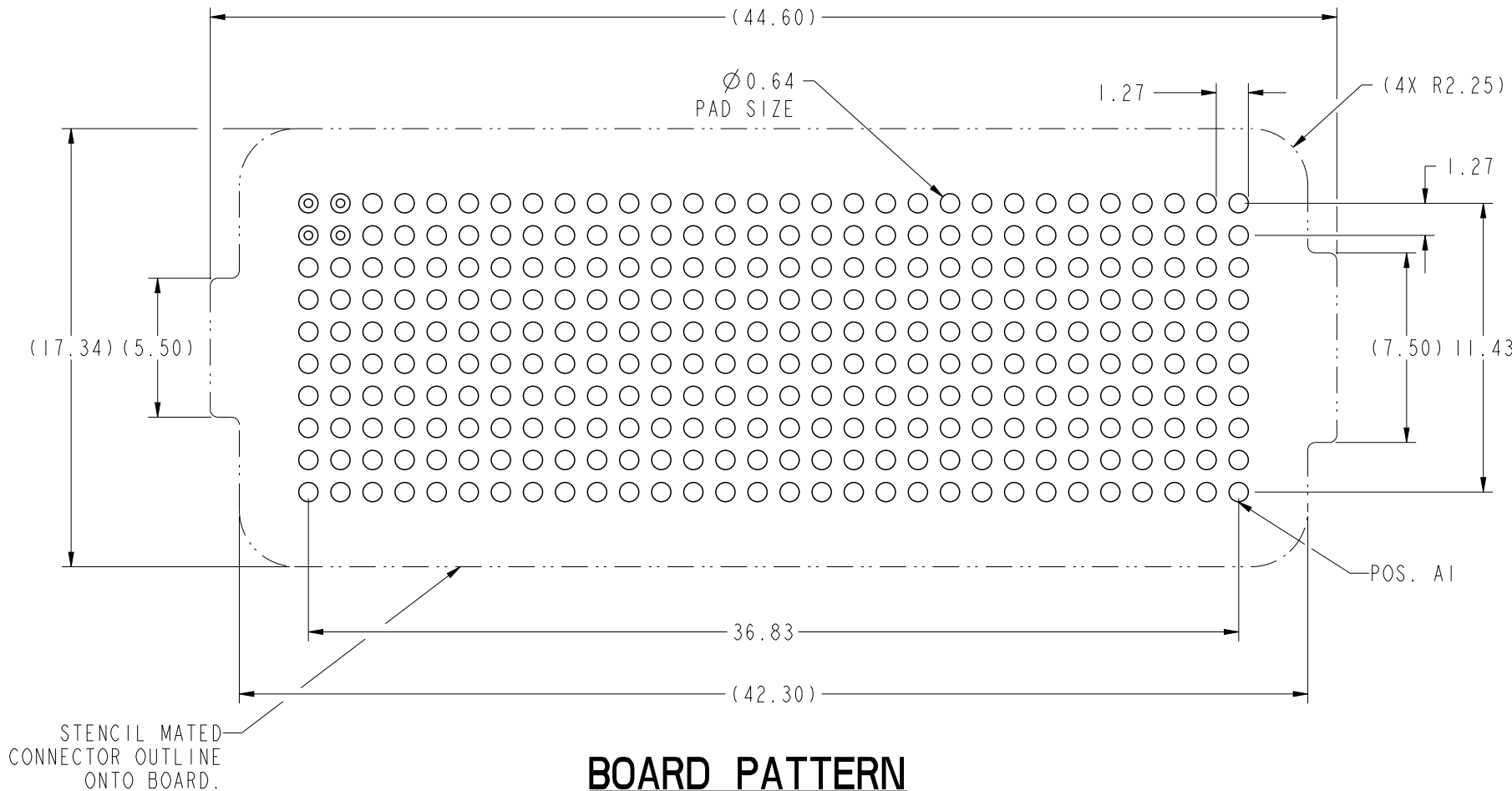
⑥ THIS PRODUCT MEETS EUROPEAN UNION DIRECTIVES AND
OTHER COUNTRY REGULATIONS AS DESCRIBED IN GS-47-0004.
PRODUCT MEETING THIS DIRECTIVE IS IDENTIFIED IN THE LOT
CODE NUMBER MARKED ON EACH PART BY HAVING AN "X"
IN THE SEVENTH CHARACTER POSITION.

⑦ 84578-A02 AND -A02LF ARE CUSTOMER SPECIALS.

⑧ A ΔSYMBOL WILL BE NEXT TO ANY DIMENSION, NEW VIEW OR
NOTE WHICH HAS BEEN MODIFIED WITH THE CURRENT
DRAWING REVISION.

⑨ 84578-093LF HAS A SPECIAL CAP

PRODUCT NO.	PICK-UP CAP NATURAL OR BLACK COLOR	CONTACT PLATING AND THICKNESS	SOLDER BALL	NOTES
84578-002	YES	15u"(.38um) Au	SnPb	
84578-002LF	YES	15u"(.38um) Au	LEAD FREE	6
84578-092	YES	15u"(.38um) GXT	SnPb	
84578-092LF	YES	15u"(.38um) GXT	LEAD FREE	6
84578-093LF	YES	30u"(.38um) GXT	LEAD FREE	6 , 10
84578-102	YES	30u"(.76um) Au	SnPb	
84578-102LF	YES	30u"(.76um) Au	LEAD FREE	6
84578-192	YES	30u"(.76um) GXT	SnPb	
84578-192LF	YES	30u"(.76um) GXT	LEAD FREE	6
84578-202	YES	50u" (1.27um) Au SPECIAL	SnPb	3 AND 4
84578-202LF	YES	50u" (1.27um) Au SPECIAL	LEAD FREE	3, 4 AND 6
84578-292	YES	50u" (1.27um) GXT SPECIAL	SnPb	3 AND 4
84578-292LF	YES	50u" (1.27um) GXT SPECIAL	LEAD FREE	3, 4 AND 6
84578-A02	YES	30u"(.76um)	SnPb	7
84578-A02LF	YES	30u"(.76um)	LEAD FREE	6 AND 7
84578-102LTLF	YES	30u"(.76um) Au	Low Temp	6
84578-192LTLF	YES	30u"(.76um) GXT	Low Temp	6



BOARD PATTERN

spec ref				dr		Uddagiri, Kaly		2025/05/13		projection		MM		size		A3		scale		1:1					
tolerance std		TOLERANCES UNLESS OTHERWISE SPECIFIED				eng		Robin Johnson		2025/07/07						ecn no		ELX-V-56184-1							
ASME Y14.5M						chr		-		-															
-						appr		Jeremy Ellis		2025/07/07												product family		MEG-ARRAY	
surface		linear		0.X		±0.3		Amphenol FCI		title		6mm PLUG ASSY.		dwg no		84578		rev		N					
																						0.XX		±0.10	
																						0.XXX		±0.050	
ASME Y14.5M		angular		0°		±2°		amphenol-icc.com		cat. no.		Product - Customer Drw		sheet 2 of 2											