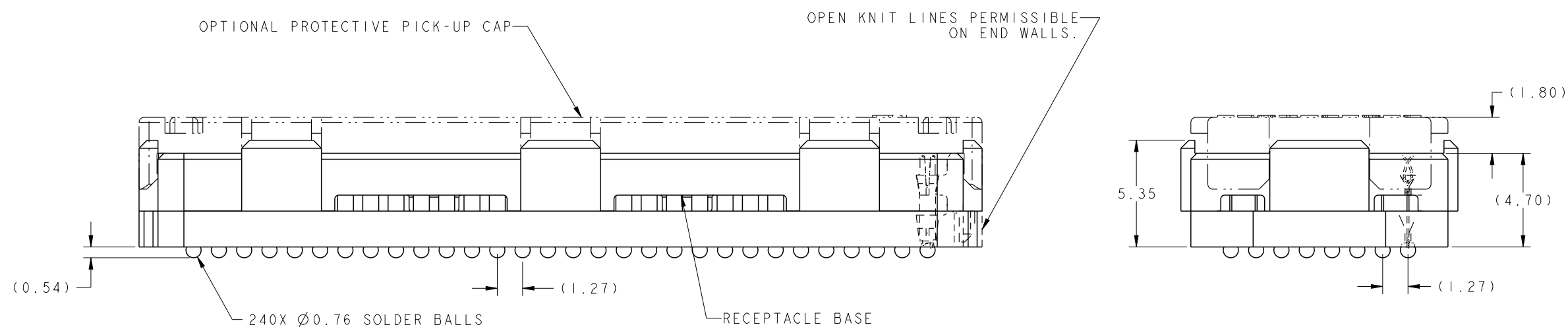
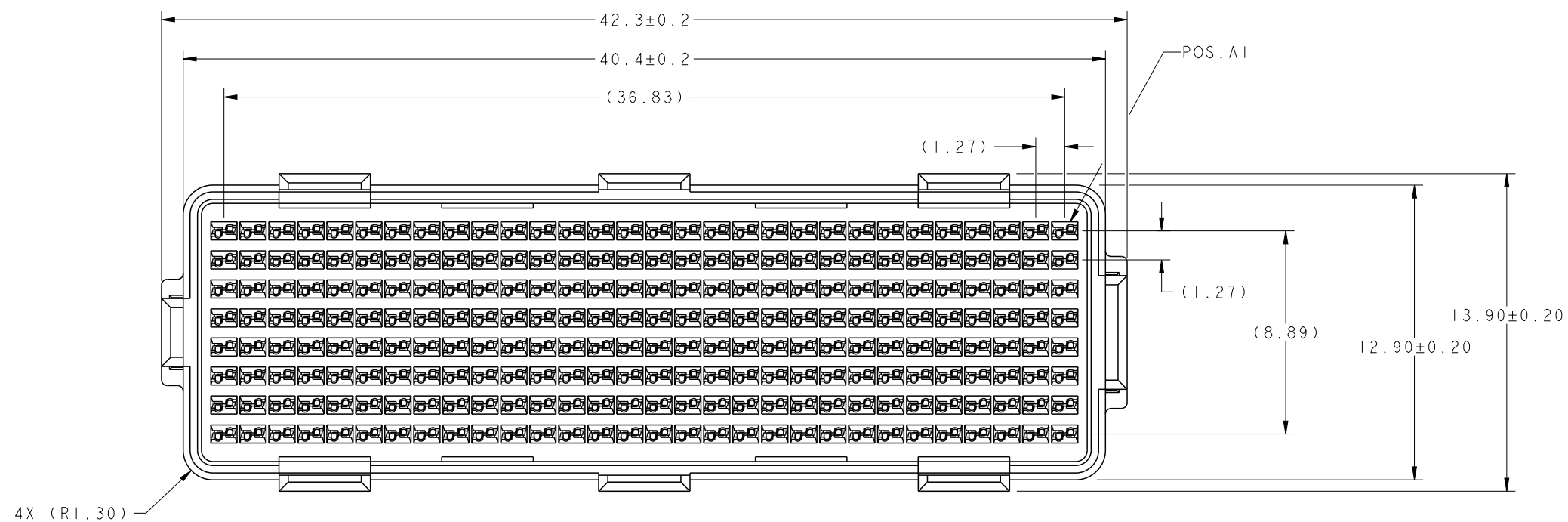
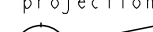




spec ref -				dr Uddagiri, Kaly2025/05/12		projection 	mm 	size A3		scale 3:1			
tolerance std ASME Y14.5M -				eng Robin Johnson2025/07/07				ecn no ELX-V-56184-1					
TOLERANCES UNLESS OTHERWISE SPECIFIED				chr -									
				appr Jeremy Ellis2025/07/07		product family MEG-ARRAY		rel level Released					
surface ASME Y14.5M ✓		linear		Amphenol FCI		title 6mm RECEPTACLE ASSY 8X30= 240 POS.				dwg no 55755		rev J	
		0.X ±0.3											
		0.XX ±0.13											
		0.XXX ±0.051		amphenol-icc.com		cat. no. -		Product - Customer Drw				sheet 1 of 2	
		angular											
		0° ±°											

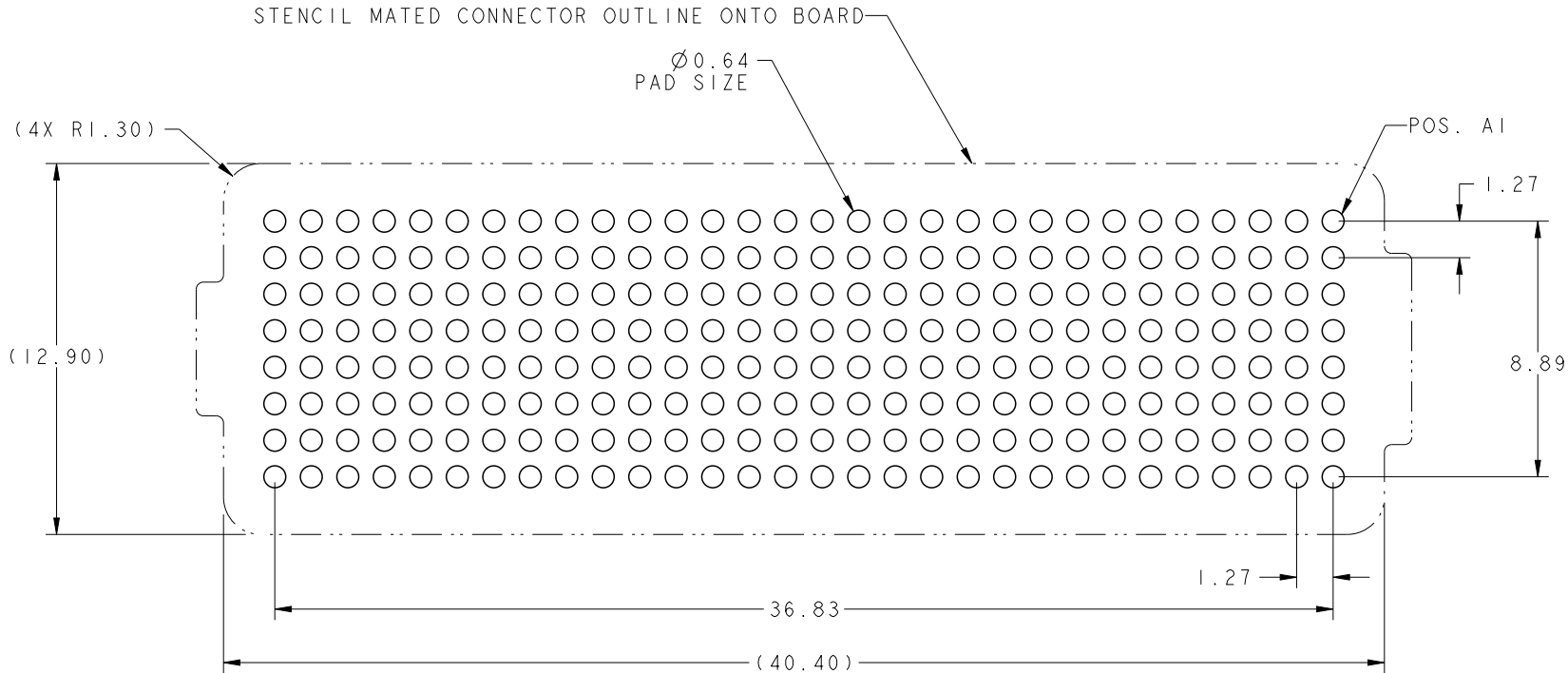
PRODUCT NO.	PICK-UP CAP(NATURAL OR BLACK COLOR)	CONTACT PLATING AND THICKNESS	SOLDER BALL	NOTES
55755-001	YES	15u"/(.38um) Au	SnPb	
55755-001LF	YES	15u"/(.38um) Au	LEAD FREE	5
55755-091	YES	15u"/(.38um) GXT	SnPb	
55755-091LF	YES	15u"/(.38um) GXT	LEAD FREE	5
55755-101	YES	30u"/(.76um) Au	SnPb	
55755-101LF	YES	30u"/(.76um) Au	LEAD FREE	5
55755-191	YES	30u"/(.76um) GXT	SnPb	
55755-191LF	YES	30u"/(.76um) GXT	LEAD FREE	5
55755-201	YES	50u" Au SPECIAL	SnPb	3
55755-201LF	YES	50u" Au SPECIAL	LEAD FREE	3 AND 5
55755-291	YES	50u" GXT SPECIAL	SnPb	3
55755-291LF	YES	50u" GXT SPECIAL	LEAD FREE	3 AND 5
55755-301	YES	15u"/(.38um) Au SPECIAL	SnPb	6
55755-301LF	YES	15u"/(.38um) Au SPECIAL	LEAD FREE	5 AND 6
55755-401	YES	30u"/(.76um) Au SPECIAL	SnPb	6
55755-401LF	YES	30u"/(.76um) Au SPECIAL	LEAD FREE	5 AND 6
55755-501	YES	SPECIAL	SnPb	3 AND 6
55755-501LF	YES	SPECIAL	LEAD FREE	3, 5 AND 6

NOTES:

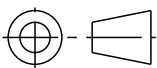
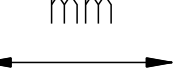
- ① MAT'L:
HOUSING: LCP
CONTACT: COPPER ALLOY

PLATING:

CONTACT: (SEE TABLE ON SHEET)
SOLDER BALL: (SEE TABLE ON THIS SHEET)
EUTECTIC SnPb OR LEAD FREE
95.5Sn/4Ag/0.5Cu
2. OVERALL BOARD-TO-BOARD STACK
HEIGHT WHEN MATED TO P/N 74213
(240 0mm PLUG) IS 6mm REF
- ③ PLATING FOR INDICATED -2XX SERIES PRODUCT NUMBERS. MEET
THE REQUIREMENTS OF GR-1217-CORE,
CENTRAL OFFICE ENVIRONMENT, 25 YEAR LIFE EXPECTANCY.
THE CONTACTS ON THESE PRODUCT NUMBERS HAVE SPECIAL GEOMETRY, ALSO.
- ④ 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
- ⑤ THIS PRODUCT MEETS EUROPEAN UNION DIRECTIVES AND
OTHER COUNTRY REGULATIONS AS DESCRIBED IN GS-22-008
PRODUCT MEETING THIS DIRECTIVE IS IDENTIFIED IN THE LOT
CODE NUMBER MARKED ON EACH PART BY HAVING AN "X"
IN THE SEVENTH CHARACTER POSITION
- ⑥ 55755-301, -301LF, -401, -401LF, -501 AND -501LF ARE OBSOLETE
PRODUCT NUMBERS
7. A  SYMBOL WILL BE NEXT TO ANY DIMENSION, NEW VIEW OR
NOTE WHICH HAS BEEN MODIFIED WITH THE CURRENT DRAWING REVISION.



BOARD PATTERN

spec ref -				dr Uddagiri, Kaly		2025/05/12				size A3		scale 10:1			
tolerance std ASME Y14.5M		TOLERANCES UNLESS OTHERWISE SPECIFIED		eng Robin Johnson		2025/07/07				ecn no ELX-V-56184-1					
-				chr -		-				rel level Released					
				appr Jeremy Ellis		2025/07/07		product family MEG-ARRAY							
		linear		0.X ±0.3 0.XX ±0.13 0.XXX ±0.051		Amphenol FCI		title 6mm RECEPTACLE ASSY 8X30= 240 POS.		dwg no 55755		rev J			
ASME Y14.5M		angular		0° ±°		amphenol-icc.com		cat. no. -		Product - Customer Drw				sheet 2 of 2	