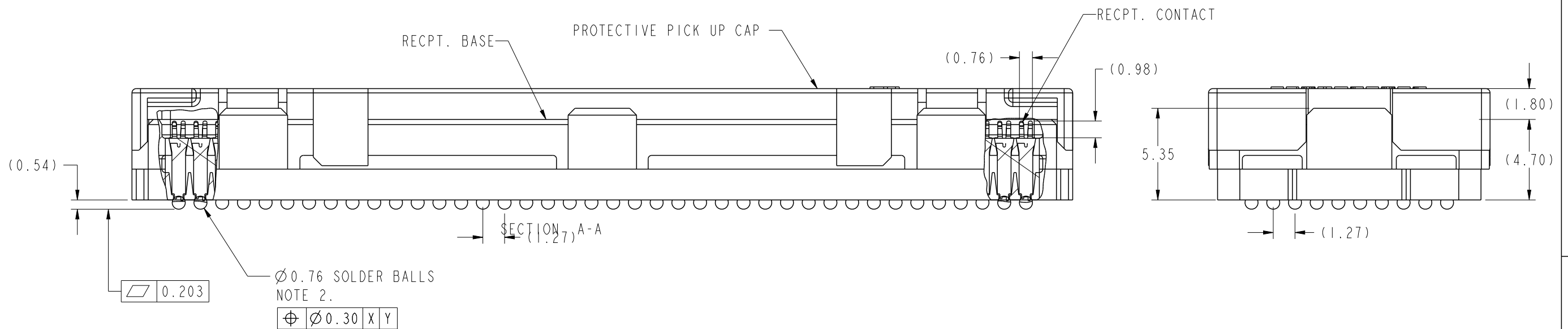
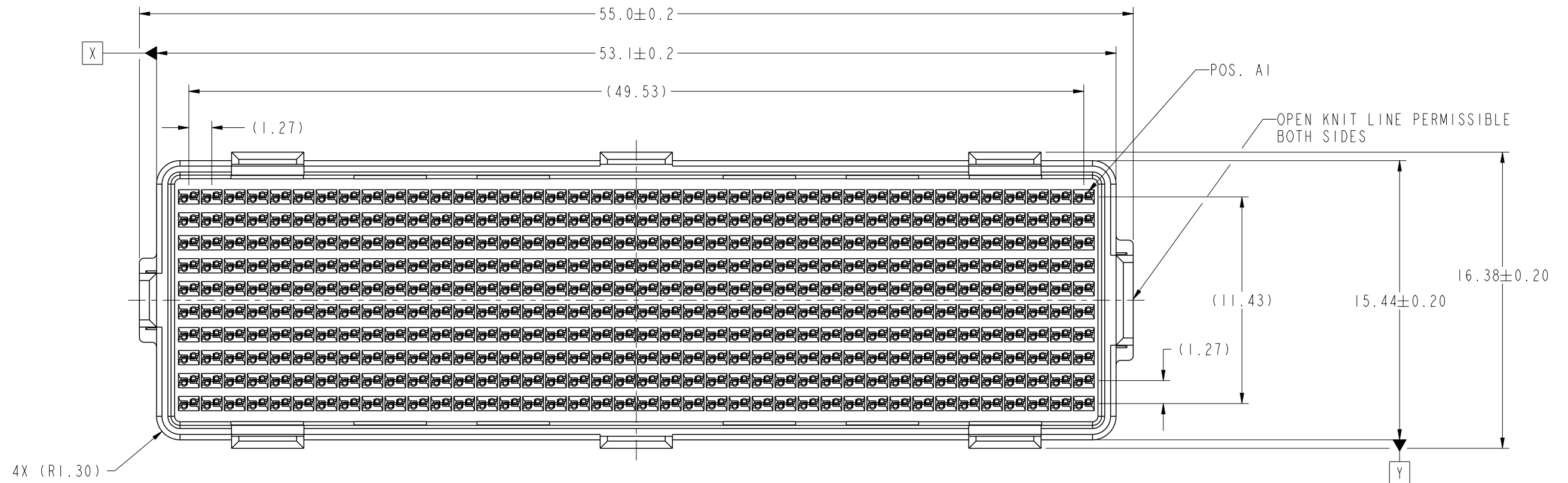
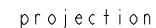
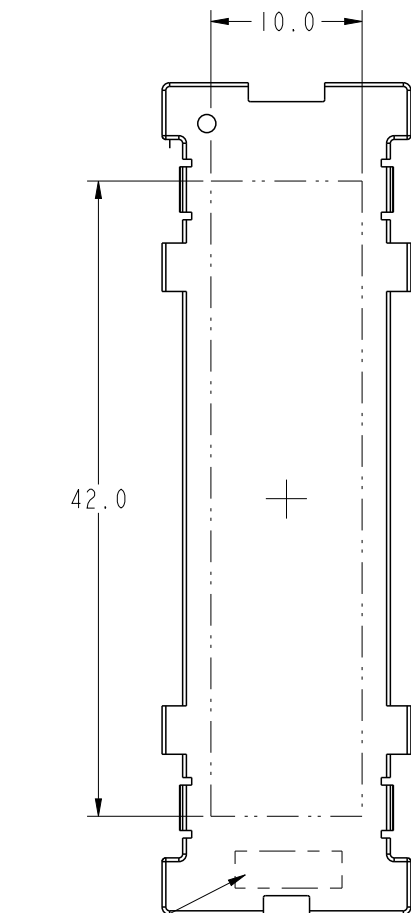




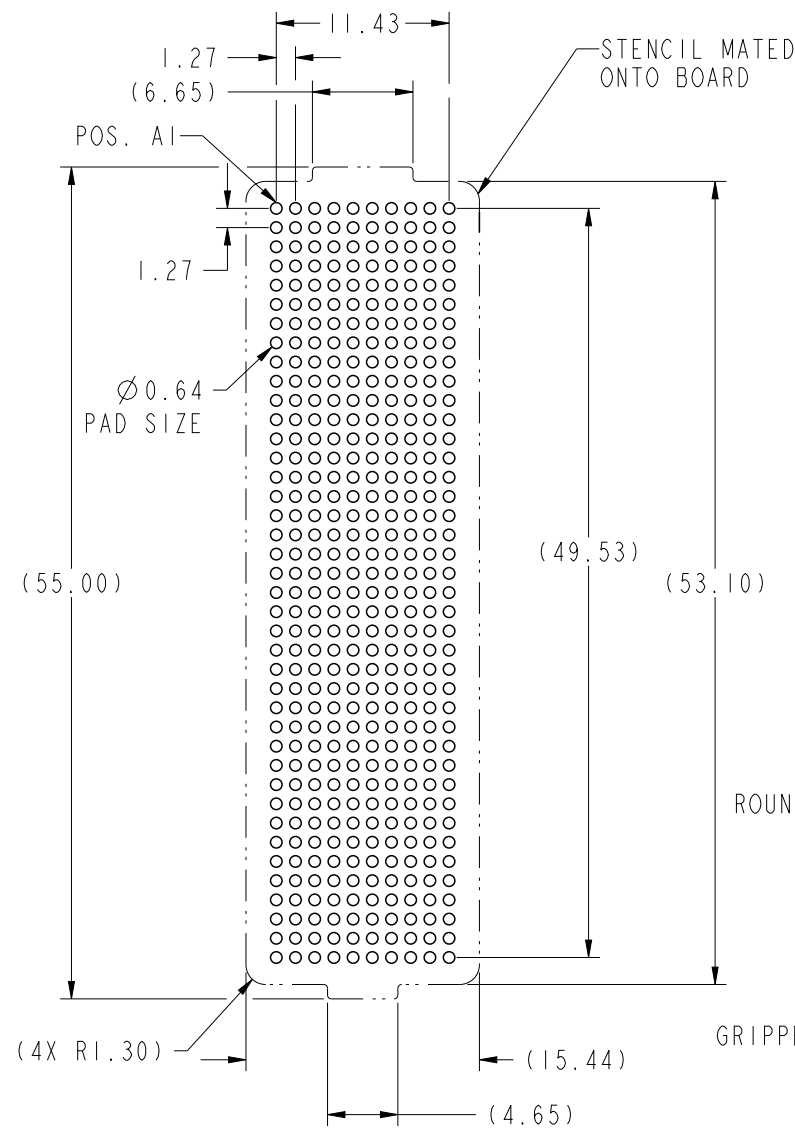
spec ref -				dr Kurdekar, Nare		2025/06/05		projection 		mm 		size A3		scale 1:1					
tolerance std ASME Y14.5M -				eng Robin Johnson		2025/07/07						ecn no ELX-V-56184-1							
TOLERANCES UNLESS OTHERWISE SPECIFIED				chr -		-						rel level Released							
				appr Jeremy Ellis		2025/07/07		product family MEG ARRAY											
surface ASME Y14.5M ✓		linear		0.X		±.3		Amphenol FCI title 6mm RECPT. ASSY. 10x40=400 POS.				dwg no 74388				rev R			
				0.XX		±.010													
				0.XXX		±.050													
		angular		0°		±2°		amphenol-icc.com				cat. no.				Product - Customer Drw			

PRODUCT NUMBER
SEE TABLE-SHEET 3

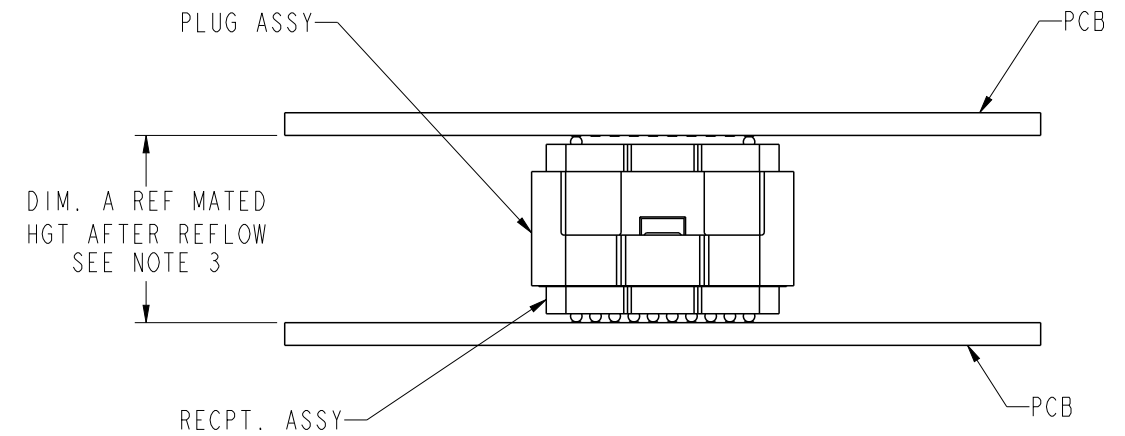


NOTE 8-

FLAT AREA FOR
PICK UP CAP



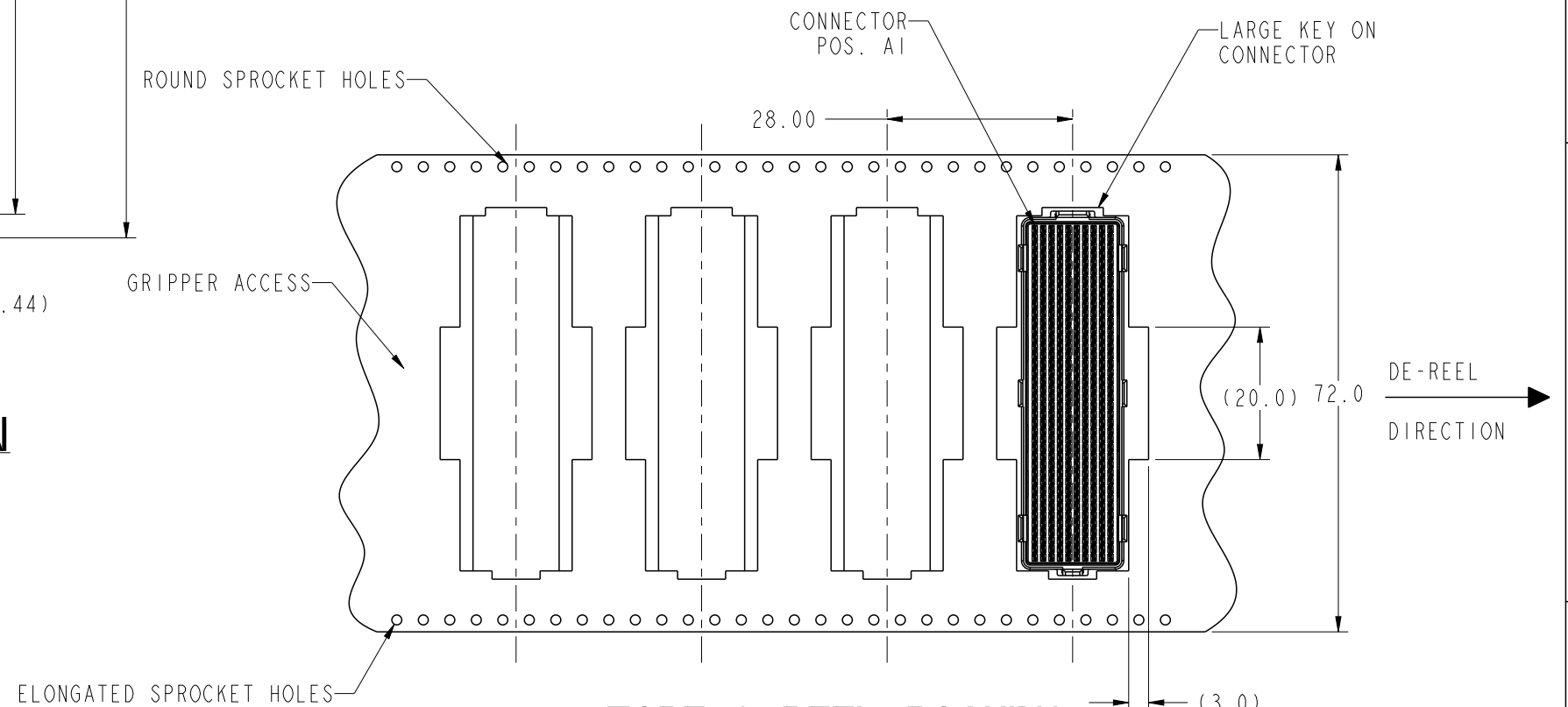
BOARD PATTERN



DIM.A	PLUG ASSY P/N	RECPT.ASSY P/N
6.0	84740	74388
12.0	84520	74388

MATED HEIGHT AFTER REFLOW IS BASED ON Ø .64mm PAD (METAL-DEFINED) AND .13mm SOLDER PASTE STENCIL THICKNESS. SEE NOTE 3.

END VIEW - MATED CONNECTORS



TAPE & REEL PACKING

PER EIA 481-3

spec ref -				dr Kurdekar, Nare		2025/06/05						size A3		scale 1:1					
tolerance std ASME Y14.5M -				eng Robin Johnson		2025/07/07						ecn no ELX-V-56184-1							
TOLERANCES UNLESS OTHERWISE SPECIFIED				chr -		-													
appr Jeremy Ellis				2025/07/07		product family MEG ARRAY				rel level Released									
surface 		linear		0.X ±.3		Amphenol FCI title 6mm RECPT. ASSY. 10x40=400 POS.				dwg no 74388				rev R					
		0.XX ±.010																	
		0.XXX ±.050																	
ASME Y14.5M		angular		0° ±2°		amphenol-icc.com				cat. no.				Product - Customer Drw				sheet 2 of 3	

NOTES:

①. MAT"L:

HOUSING: LCP,
CONTACT: COPPER ALLOY

PLATING

CONTACT: (SEE TABLE)
SOLDER BALL: (SEE TABLE)
EUTECTIC SnPb OR LEAD FREE
95.5Sn/4Ag/0.5Cu

②. SOLDER BALLS WILL NOT BE PERFECT SPHERICAL SHAPE DUE TO REFLOW ATTACHMENT.

③. MATED HEIGHT EFFECTED BY CUSTOMER'S PCB PAD SIZE, PLATING, SOLDER REFLOW PROFILE, & SOLDER PASTE.

④. PLATING FOR INDICATED - 2XX SERIES PRODUCT NUMBER MEET THE REQUIREMENTS OF GR-1217-CORE, CENTRAL OFFICE ENVIRONMENT, (25 YEARS LIFE EXPECTANCY). THE CONTACT GEOMETRY IN THESE PRODUCT NUMBER IS SPECIAL ALSO.

⑤. FOR PROPER APPLICATION FOLLOW AFCI 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.

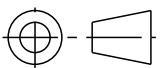
⑥. THIS PRODUCT MEETS EUROPEAN UNION DIRECTIVES AND OTHER COUNTRY REGULATIONS AS DESCRIBED IN GS-47-0004 PRODUCT MEETING THIS DIRECTIVE IS IDENTIFIED IN THE LOT CODE NUMBER MARKED ON EACH PART BY HAVING AN "X" IN THE SEVENTH CHARACTER POSITION.

⑦. 74388-A01, AND -A01LF.
HAVE CUSTOMER SPECIAL Au PLATING.

⑧. VISABLE KNIT LINES ANYWHERE ON FLOOR OF HOUSING ARE PERMITTED.
OPEN KNIT LINES ANYWHERE ARE NOT PERMITTED.

①. A  SYMBOL WILL BE NEXT TO ANY DIMENSION, VIEW OR NOTE THAT HAS BEEN MODIFIED WITH THE CURRENT DRAWING REVISION

PRODUCT No	PICK-UP CAP (NATURAL OR BALCK COLOR	CONTACT PLATING AND THICKNESS	SOLDER BALL	NOTES
74388-001	YES	15u" (.38um) Au	SnPb	
74388-001LF	YES	15u" (.38um) Au	LEAD FREE	6
74388-091	YES	15u" (.38um) GXT	SnPb	
74388-091LF	YES	15u" (.38um) GXT	LEAD FREE	6
74388-101	YES	30u" (.76um) Au	SnPb	
74388-101LF	YES	30u" (.76um) Au	LEAD FREE	6
74388-191	YES	30u" (.76um) GXT	SnPb	
74388-191LF	YES	30u" (.76um) GXT	LEAD FREE	6
74388-201	YES	50u" (1.27um) Au SPECIAL	SnPb	4
74388-201LF	YES	50u" (1.27um) Au SPECIAL	LEAD FREE	4 AND 6
74388-291	YES	50u" (1.27um) GXT SPECIAL	SnPb	4
74388-291LF	YES	50u" (1.27um) GXT SPECIAL	LEAD FREE	4 AND 6
74388-A01	YES	30u" (.76um) SPECIAL	SnPb	7
74388-A01LF	YES	30u" (.76um) SPECIAL	LEAD FREE	6 AND 7
74388-301	YES	15u" (.38um) Au SPECIAL	SnPb	7
74388-301LF	YES	15u" (.38um) Au SPECIAL	LEAD FREE	6 AND 7
74388-401	YES	30u" (.76um) Au SPECIAL	SnPb	7
74388-401LF	YES	30u" (.76um) Au SPECIAL	LEAD FREE	6 AND 7
74388-501	YES	Au SPECIAL	SnPb	4 AND 7
74388-501LF	YES	Au SPECIAL	LEAD FREE	4, 6 AND 7

spec ref -				dr Kurdekar, Nare		2025/06/05				size A3		scale 1:1	
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					
surface ✓ ASME Y14.5M		linear	0.X	±.3	Amphenol FCI	title 6mm RECPT. ASSY.						dwg no 74388	rev R
			0.XX	±.010									
			0.XXX	±.050									
		angular	0°	±2°		amphenol-icc.com		cat. no.		Product - Customer Drw			