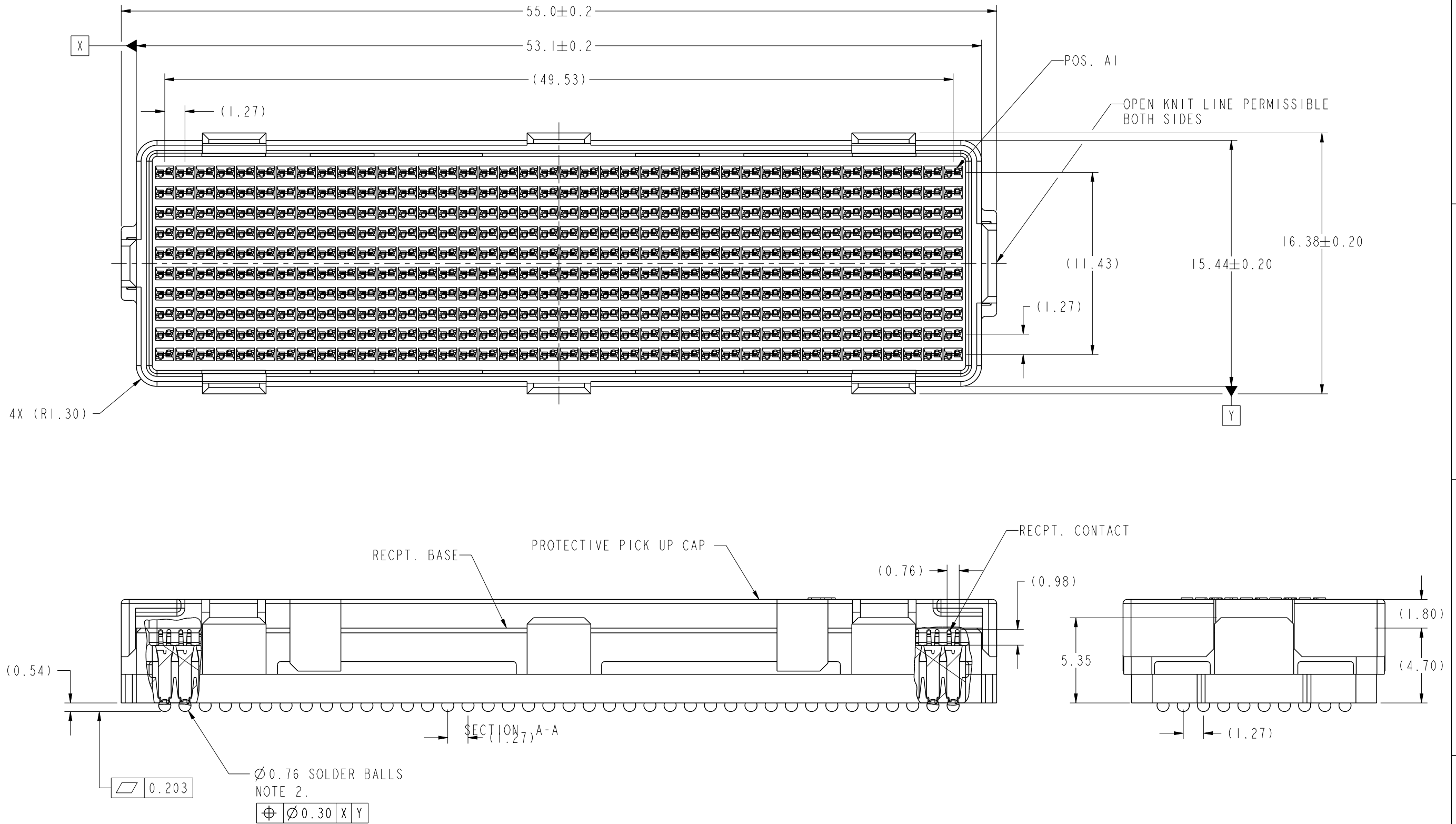
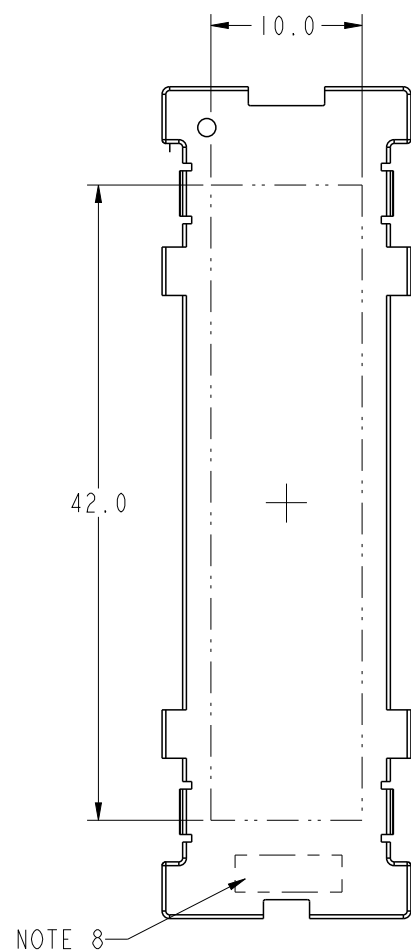


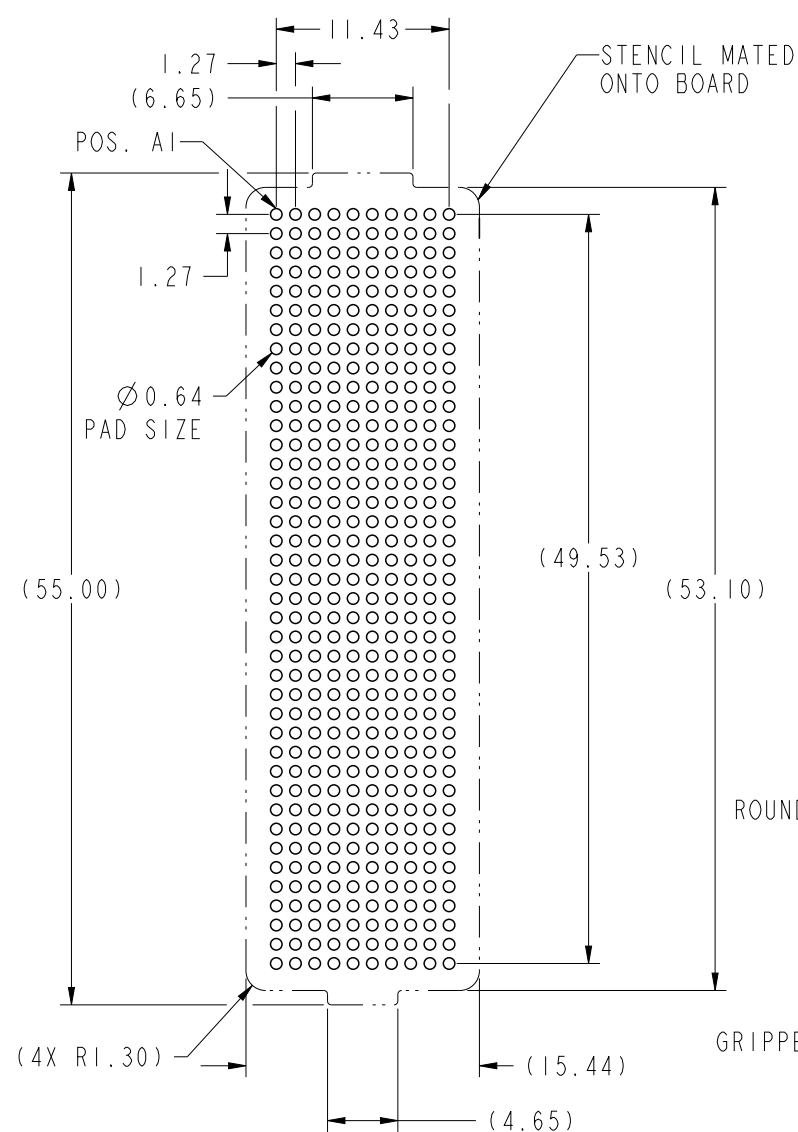
PRODUCT NUMBER
SEE TABLE-SHEET 3



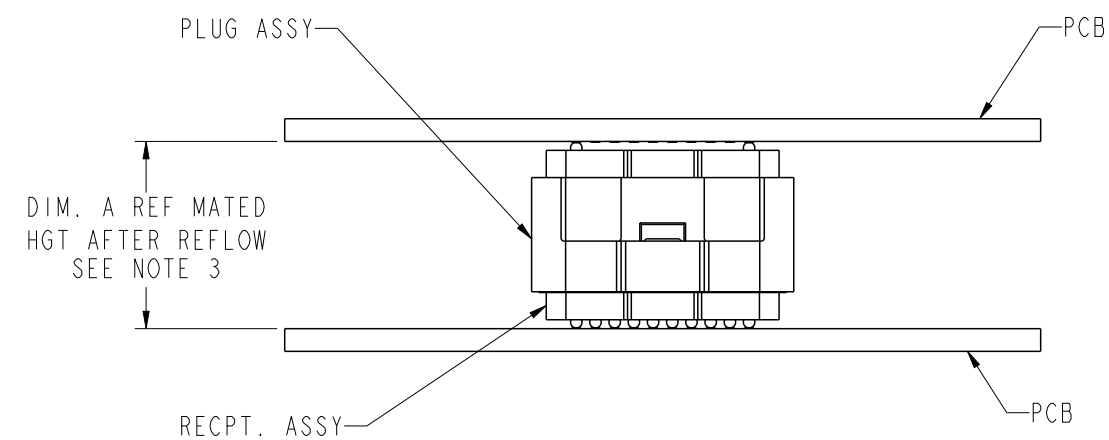
spec ref -				dr Kurdekar, Nare		2025/06/05				size A3		scale 1:1					
tolerance std ASME Y14.5M -				eng Robin Johnson		2025/07/07				ecn no ELX-V-56184-1							
TOLERANCES UNLESS OTHERWISE SPECIFIED				chr -		-				rel level Released							
				appr Jeremy Ellis		2025/07/07											
product family 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				sheet 1 of 3	



FLAT AREA FOR
PICK UP CAP



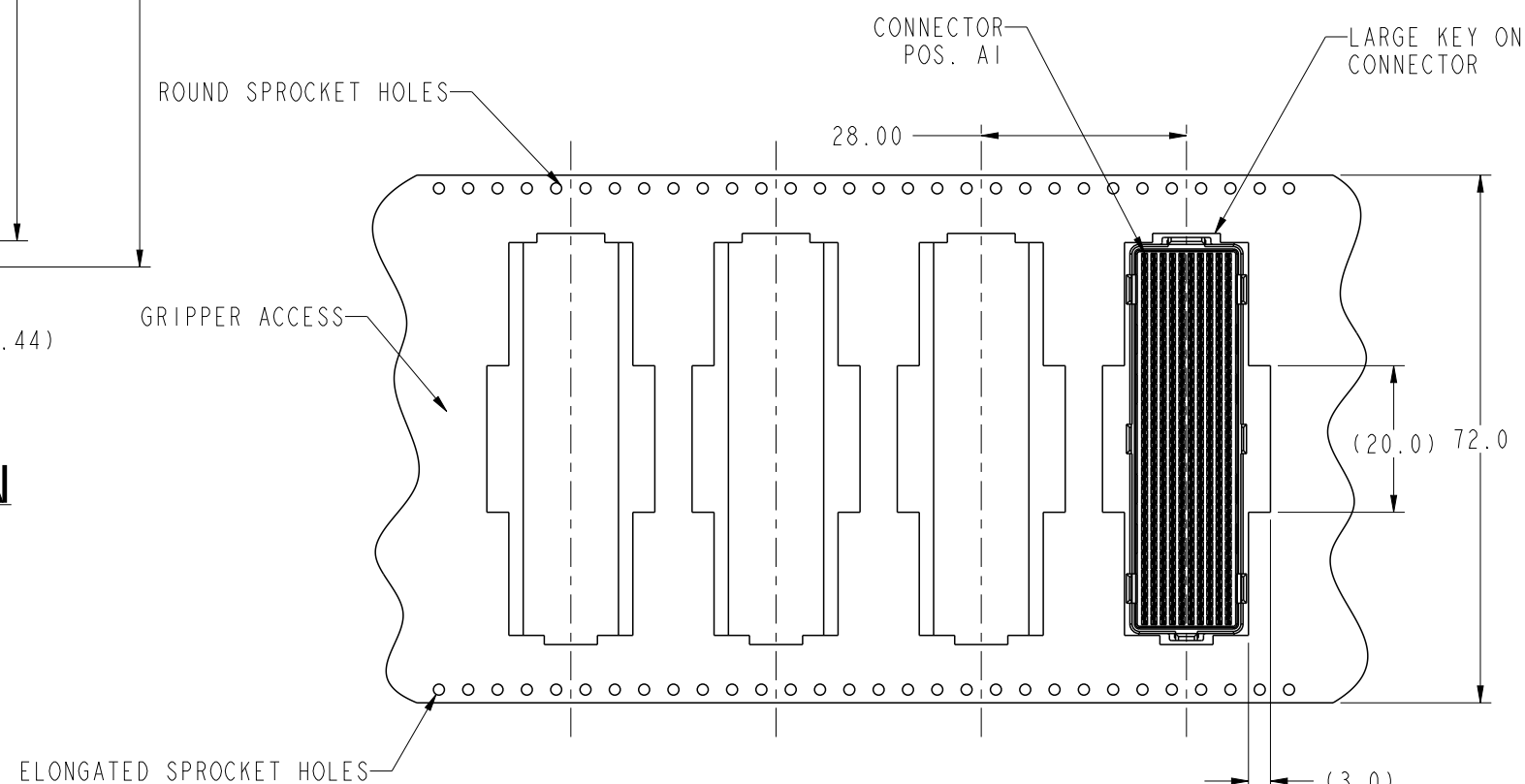
BOARD PATTERN



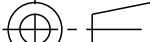
DIM. A	PLUG ASSY P/N	RECPT. ASSY P/N
6.0	84740	74388
12.0	84520	74388

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



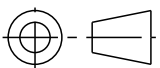
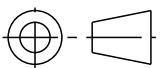
TAPE & REEL PACKING

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 -		-															
-				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		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		rel level		Released											
surface				linear		0.X		±.3		Amphenol FCI		title		6mm RECPT. ASSY.		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 3 of 3													