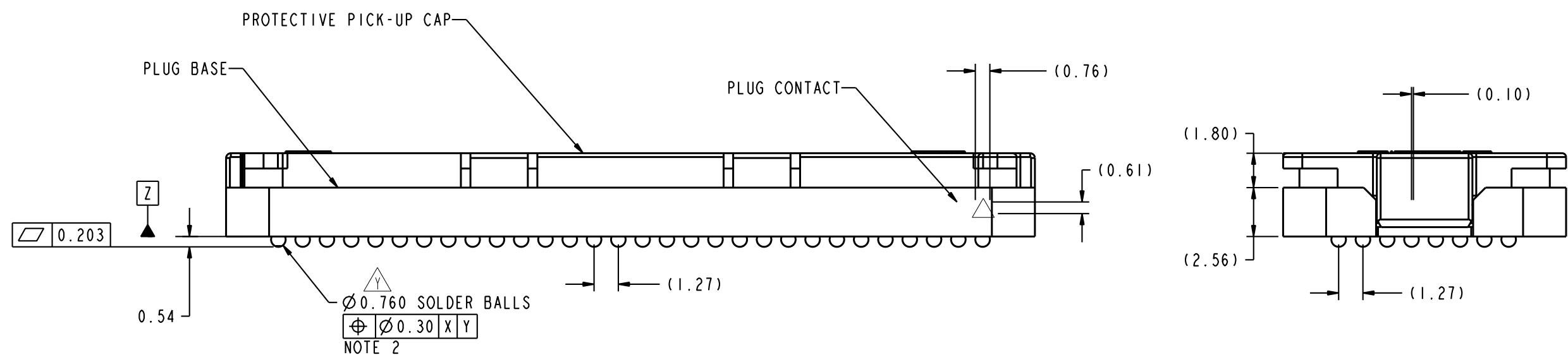
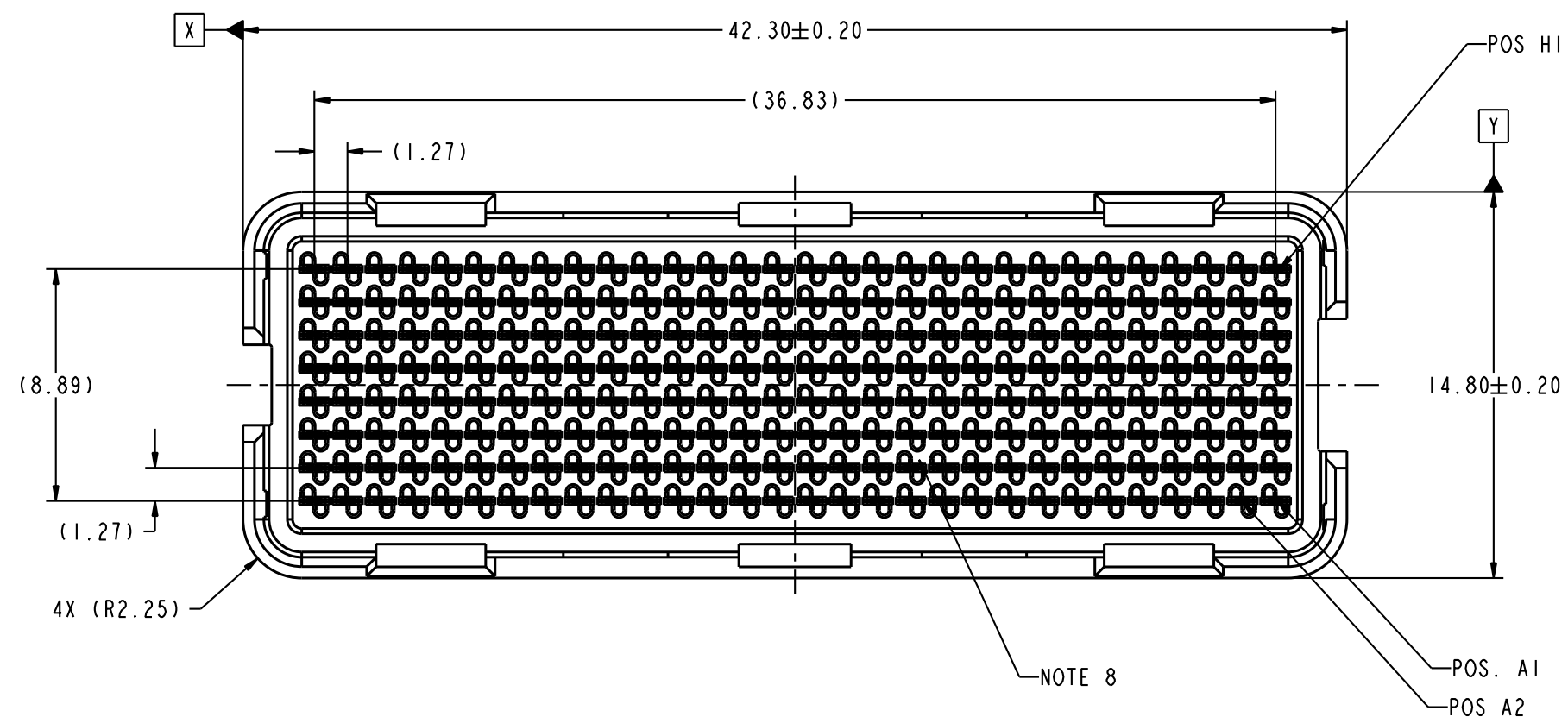
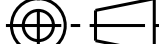
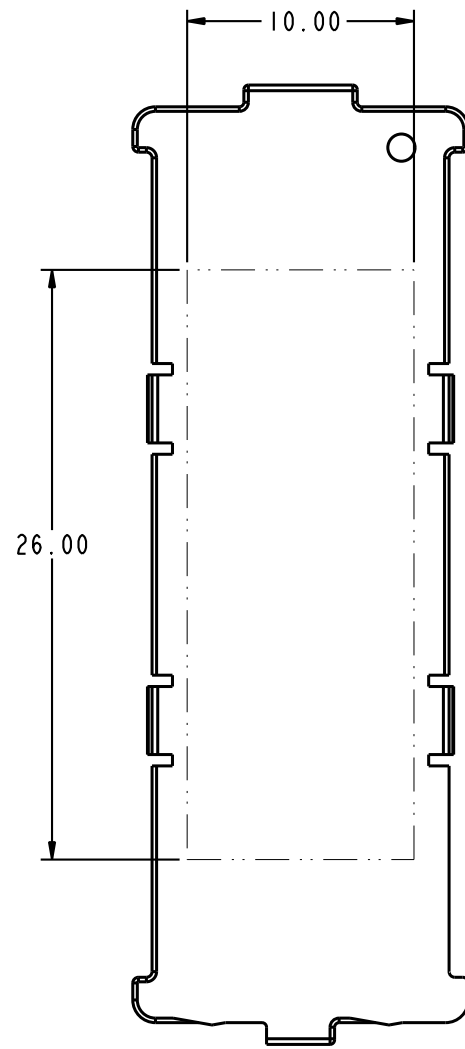




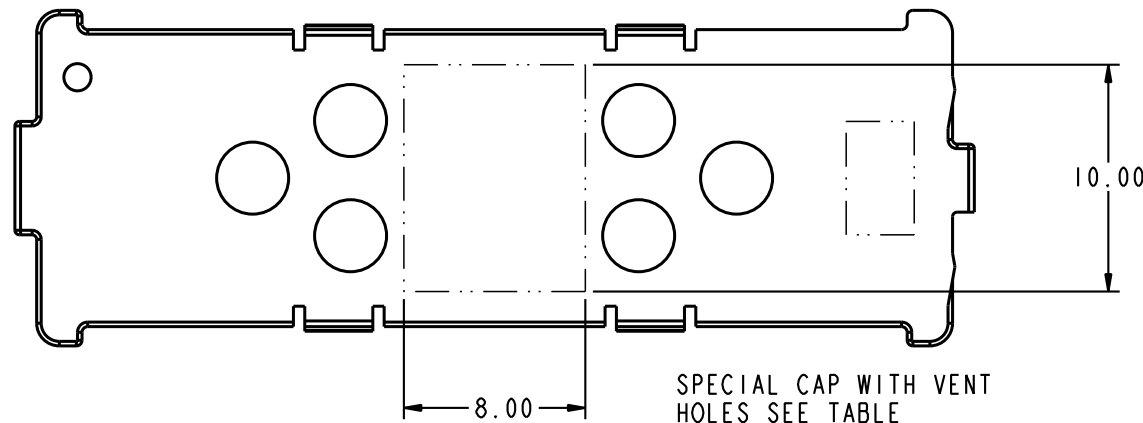
spec ref -				dr Kurdekar, Nare		2025/05/29		projection   mm		size A3		scale 1:1					
tolerance std ASME Y14.5 - TOLERANCES UNLESS OTHERWISE SPECIFIED				eng Robin Johnson		2026/01/15				ecn no ELX-V-59040-1							
				chr -		-											
				appr Jeremy Ellis		2026/01/15		product family MEG ARRAY				rel level Released					
surface ✓ ASME Y14.5		linear		0.X		±.3		 title 0mm PLUG ASSY. 8x30=240 POS.				dwg no 74213 rev Y					
				0.XX		±.13											
				0.XXX		±.051											
ASME Y14.5		angular		0°		±2°		amphenol-icc.com				cat. no. Product - Customer Drw				sheet 1 of 4	

PICK UP CAP
FLAT AREA



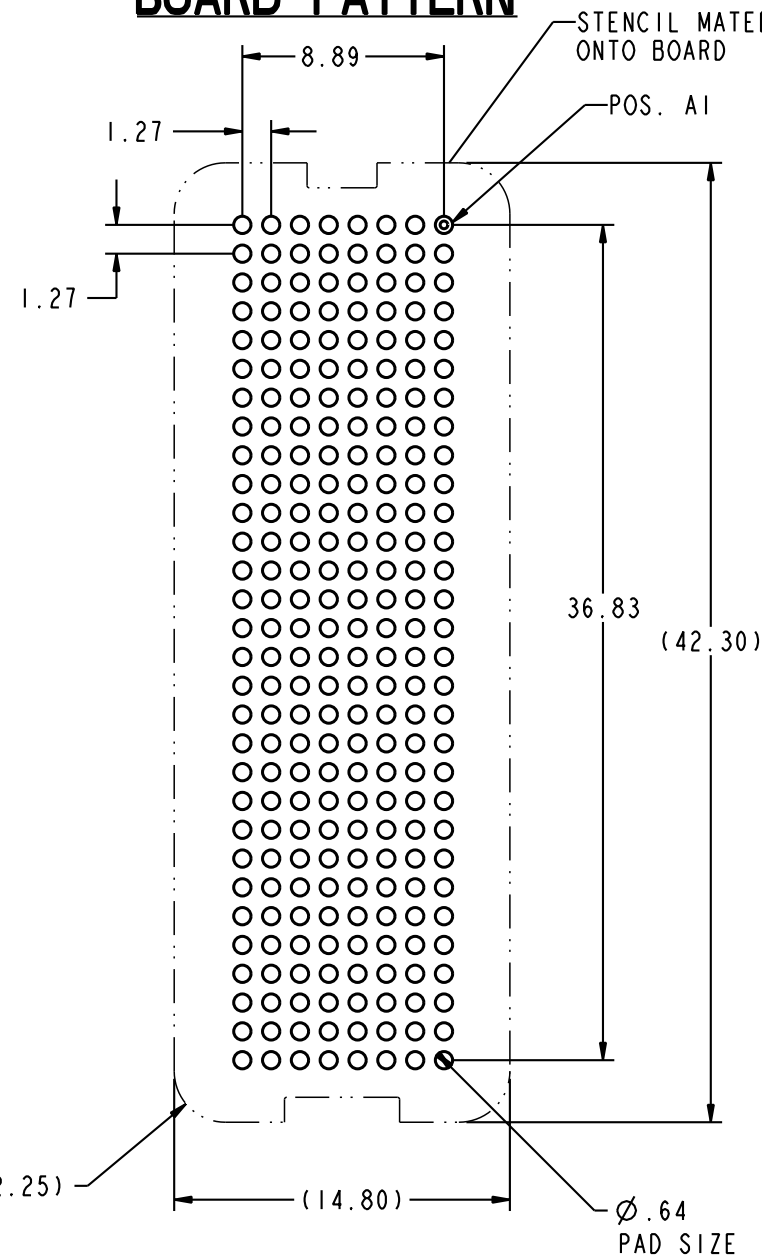
STANDARD CAP
SEE TABLE

AFCI LOGO
IN THIS AREA



SPECIAL CAP WITH VENT
HOLES SEE TABLE

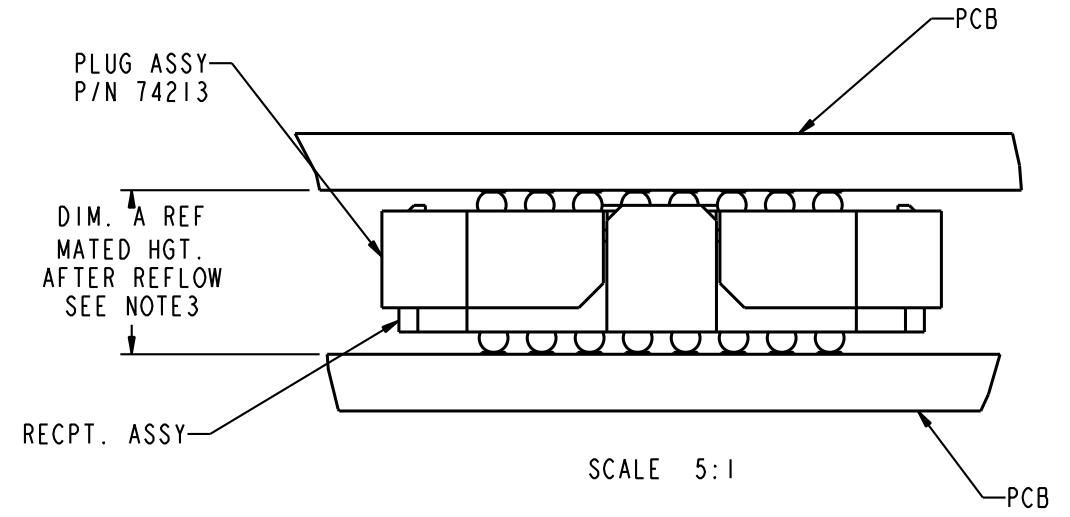
BOARD PATTERN



STENCIL MATED CONNECTOR OUTLINE
ONTO BOARD

POS. A1

Ø.64
PAD SIZE



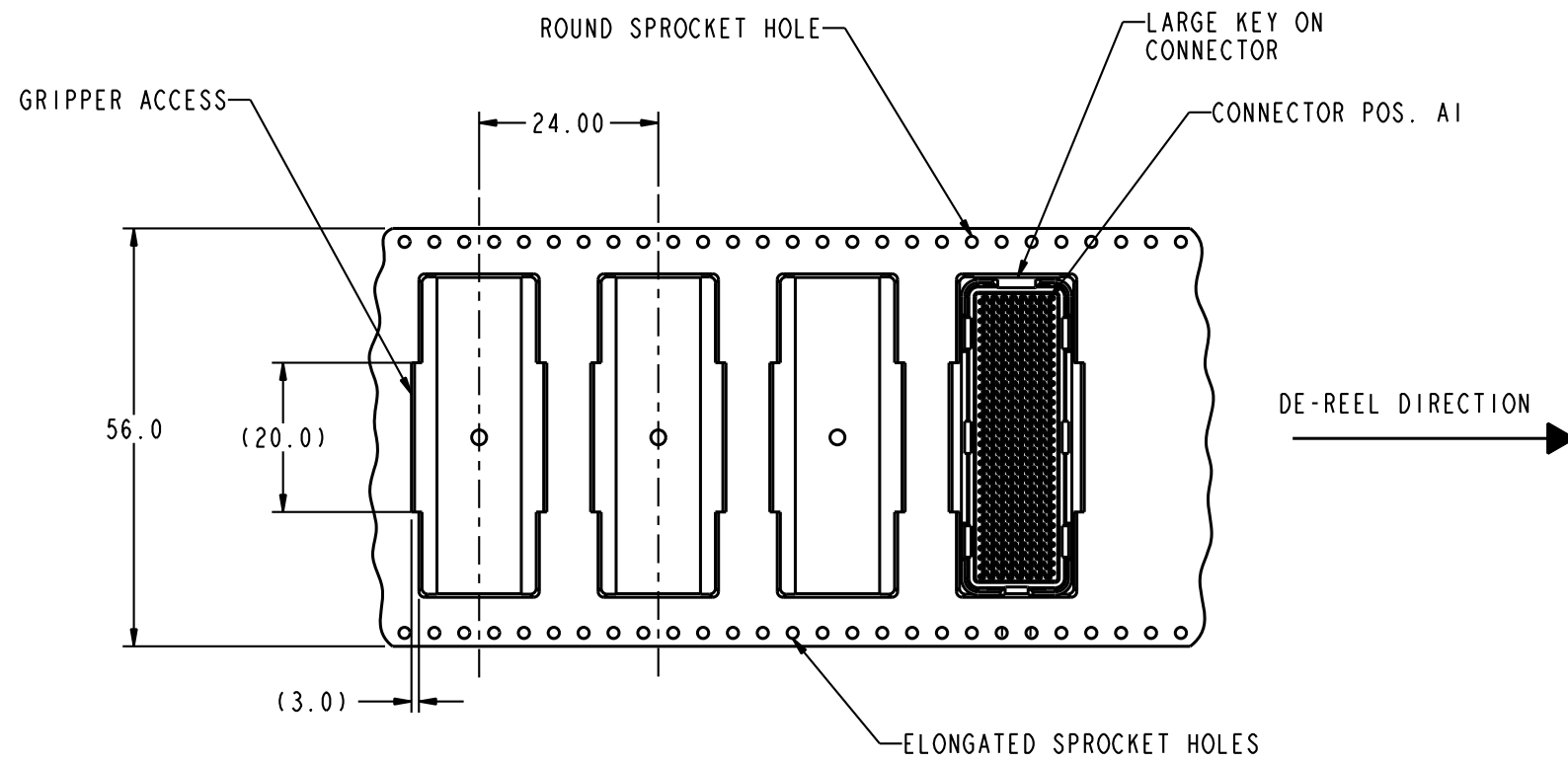
DIMA	RECPT.ASSY P/N
3.4	74215*
4.0	74217

* 74215 NOT AVAILABLE IN TELCORDIA/NORTEL VERSION.

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

spec ref -				dr Kurdekar, Nare		2025/05/29		projection		mm		size A3		scale 3:1			
tolerance std ASME Y14.5				eng Robin Johnson		2026/01/15						ecn no ELX-V-59040-1					
TOLERANCES UNLESS OTHERWISE SPECIFIED				chr -		-											
-				appr Jeremy Ellis		2026/01/15		product family MEG ARRAY				rel level Released					
surface		linear		0.X		±.3		Amphenol FCI		title 0mm PLUG ASSY. 8x30=240 POS.		dwg no 74213		rev Y			
				0.XX		±.13											
				0.XXX		±.051											
ASME Y14.5		angular		0°		±2°		amphenol-icc.com		cat. no.		Product - Customer Drw				sheet 2 of 4	



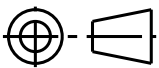
TAPE & REEL PACKAGING
PER EIA 481-3

spec ref -				dr Kurdekar, Nare		2025/05/29		projection		mm		size A3		scale 1:1					
tolerance std ASME Y14.5				TOLERANCES UNLESS OTHERWISE SPECIFIED						eng Robin Johnson		2026/01/15						ecn no ELX-V-59040-1	
-										chr -		-						rel level Released	
										appr Jeremy Ellis		2026/01/15		product family MEG-ARRAY					
surface ASME Y14.5		linear		0.X		±.3				title 0mm PLUG ASSY. 8x30=240 POS.						dwg no 74213		rev Y	
				0.XX		±.13													
				0.XXX		±.051													
		ASME Y14.5		angular		0°		±2°		amphenol-icc.com		cat. no.				Product - Customer Drw			

NOTES:

- ①. MAT"L:
HOUSING: LCP, FLAME RETARDANT PER UL 94V-0.
CONTACT: COPPER ALLOY
- PLATING
CONTACT: (SEE TABLE ON THIS SHEET)
SOLDER BALL: (SEE TABLE ON THIS SHEET)
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. 74213-302, -302LF, -402, -402LF, -502 AND -502LF ARE OBSOLETE PRODUCT NUMBERS.
- ⑧. VISIBLE KNIT LINES ANYWHERE ON FLOOR OF HOUSING ARE PERMITTED. OPEN KNIT LINES ANYWHERE ARE NOT PERMITTED.
- ⑨. A  SYMBOL WILL BE NEXT TO ANY DIMENSION, VIEW OR NOTE THAT HAS BEEN MODIFIED WITH THE CURRENT DRAWING REVISION

PRODUCT NUMBER	PICK-UP CALL NATURAL OR BLACK COLOR	CONTACT PLATING AND THICKNESS	SOLDER BALL	NOTES
74213-002	STANDARD	15u" (.38um) Au	SnPb	
74213-002LF	STANDARD	15u" (.38um) Au	LEAD FREE	6
74213-092	STANDARD	15u" (.38um) GXT	SnPb	
74213-092LF	STANDARD	15u" (.38um) GXT	LEAD FREE	6
74213-093	SPECIAL WITH VENT HOLES	15u" (.38um) GXT	SnPb	
74213-093LF	SPECIAL WITH VENT HOLES	15u" (.38um) GXT	LEAD FREE	6
74213-102	STANDARD	30u" (.76um) Au	SnPb	
74213-102LF	STANDARD	30u" (.76um) Au	LEAD FREE	6
74213-102LFA	STANDARD	30u" (.76um) Au	LEAD FREE	6
74213-192	STANDARD	30u" (.76um) GXT	SnPb	
74213-192LF	STANDARD	30u" (.76um) GXT	LEAD FREE	6
74213-202	STANDARD	50u" (1.27um) Au SPECIAL	SnPb	4
74213-202LF	STANDARD	50u" (1.27um) Au SPECIAL	LEAD FREE	4 AND 6
74213-292	STANDARD	50u" (1.27um) GXT SPECIAL	SnPb	4
74213-292LF	STANDARD	50u" (1.27um) GXT SPECIAL	LEAD FREE	4 AND 6
74213-302	YES	15u" (.38um) Au SPECIAL	SnPb	7
74213-302LF	YES	15u" (.38um) Au SPECIAL	LEAD FREE	6 AND 7
74213-402	YES	30u" (.76um) Au SPECIAL	SnPb	7
74213-402LF	YES	30u" (.76um) Au SPECIAL	LEAD FREE	6 AND 7
74213-502	YES	Au SPECIAL	SnPb	4 AND 7
74213-502LF	YES	Au SPECIAL	LEAD FREE	4,6 AND 7

spec ref -				dr Kurdekar, Nare		2025/05/29				size A3		scale 1:1		
tolerance std ASME Y14.5		TOLERANCES UNLESS OTHERWISE SPECIFIED		eng Robin Johnson		2026/01/15				ecn no ELX-V-59040-1				
				chr -										
				appr Jeremy Ellis		2026/01/15		product family MEG-ARRAY				rel level Released		
surface 		linear	0.X	±.3		title 0mm PLUG ASSY. 8x30=240 POS.				dwg no	74213		rev Y	
			0.XX	±.13										
			0.XXX	±.051										
ASME Y14.5		angular	0°	±2°	amphenol-icc.com		cat. no.		Product - Customer Drw				sheet 4 of 4	