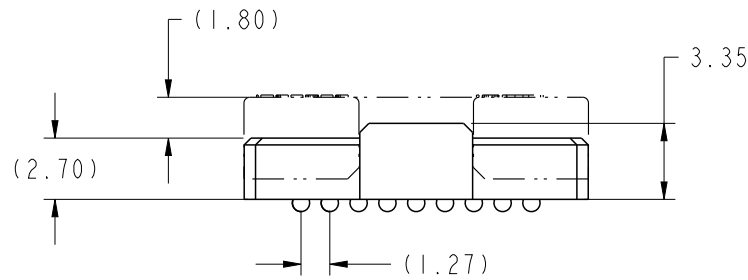
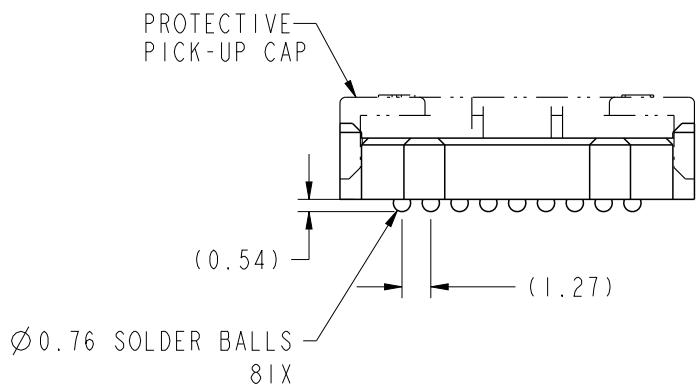
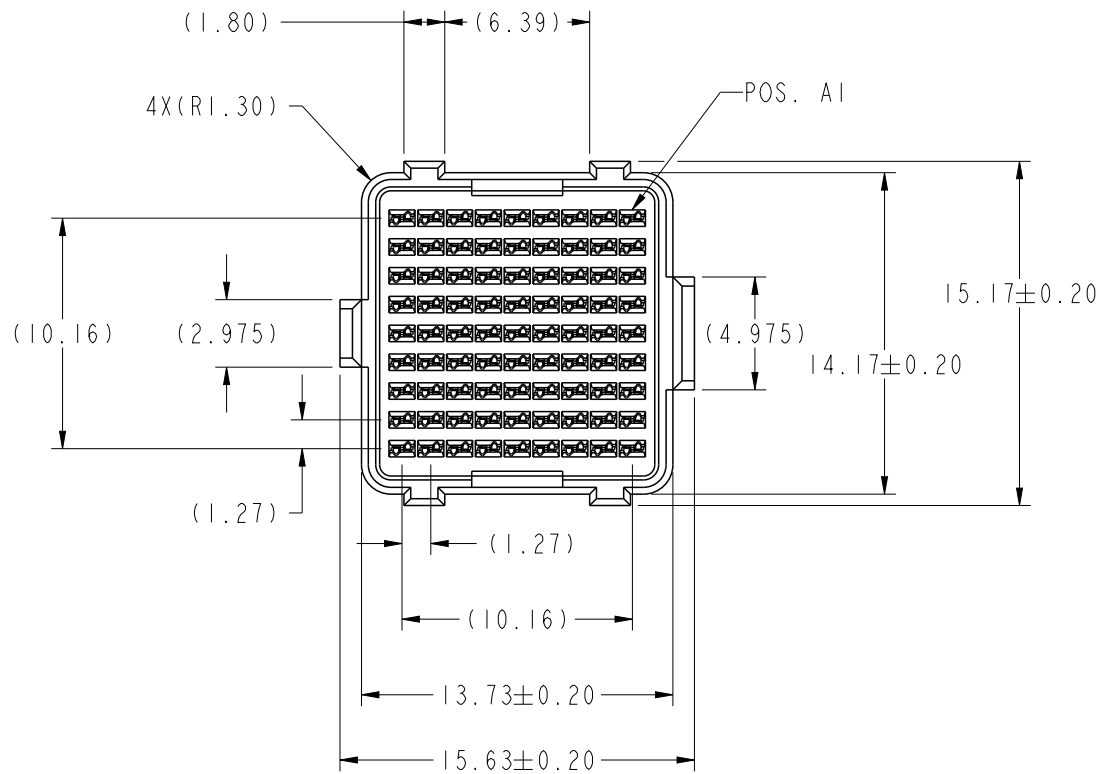


PRODUCT NUMBER
SEE TABLE



NOTES:

① MAT'L:

HOUSING: LCP
CONTACT: COPPER ALLOY

PLATING:

CONTACT: (SEE TABLE ON SHEET 2)
SOLDER BALL: (SEE TABLE ON SHEET 2)
EUTECTIC SnPb OR LEAD FREE
95.5Sn/4Ag/0.5Cu

2. OVERALL BOARD-TO-BOARD STACK
HEIGHT WHEN MATED TO P/N 55714 81
POSITION 0mm PLUG. IS 4.0mm 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.

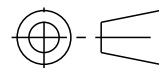
④ FOR PROPER APPLICATION FOLLOW FCI APPLICATION SPECIFICATION GS-20-033 LEAD FREE SOLDER BALLS WILL NOT SOLDER PROPERLY IN A LEADED SOLDER PROCESS DUE TO A HIGHER REFLOW TEMPERATURE. LEAD FREE PRODUCT IS THEREFORE NOT BACKWARDS COMPATIBLE WITH LEADED OR SOME SOLDERING APPLICATIONS. REFERENCE FCI APPLICATION SPECIFICATION

⑤ THIS PRODUCT MEETS EUROPEAN UNION DIRECTIVES AND OTHER COUNTRY REGULATIONS AS DESCRIBED IN GS-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

⑥ 55715-301, -301LF, -401, 401LF, -501 AND-501LF ARE OBSOLETE

⑦ FOR THESE DASH NUMBERS, PRODUCT IS BERYLLIUM FREE

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

spec ref				dr	S, Praveenkuma	2025/06/04			size	A3	scale	1:1
tolerance std ASME Y14.5 -	TOLERANCES UNLESS OTHERWISE SPECIFIED			eng	Robin Johnson	2025/07/07			ecn no	ELX-V-56184-1		
				chr	-	-						
				appr	Jeremy Ellis	2025/07/07						
surface ASME Y14.5 ✓	linear	0.X	±.3		title 4mm RECEPT. ASSEMBLY 9 X 9 = 81 POSITION				dwg no	55715		rev K
		0.XX	±.10									
		0.XXX	±.050									
ASME Y14.5	angular	0°	±2°	amphenol-icc.com	cat. no.			Product - Customer Drw			sheet 1 of 3	

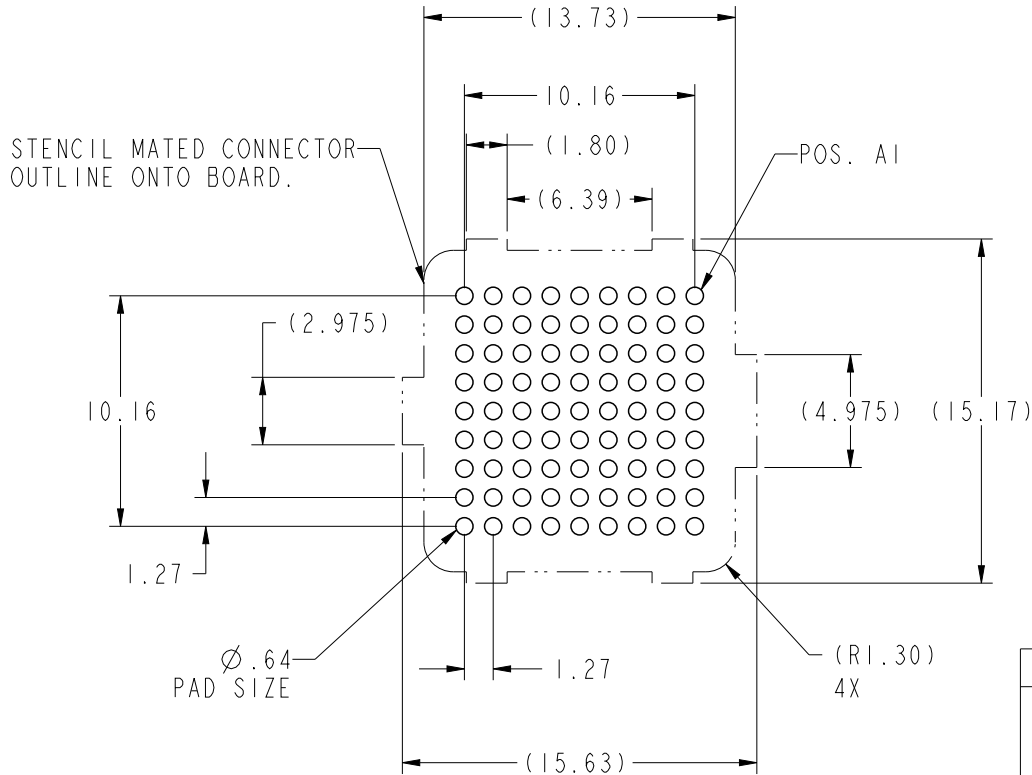
A

B

C

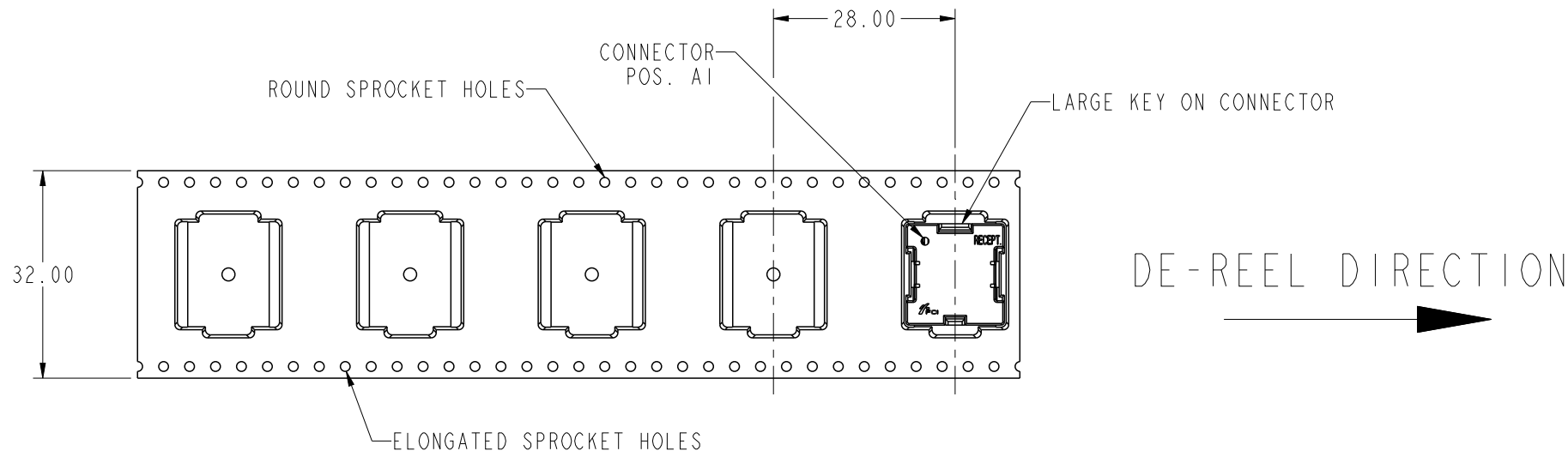
D

PRODUCT NO.	PICK-UP CAP (NATURAL OR BLACK IN COLOR)	CONTACT PLATING AND THICKNESS	SOLDER BALLS	NOTES
55715-001	YES	15μ" (.38μm) Au	SnPb	
55715-001BF	YES	15μ" (.38μm) Au	SnPb	7
55715-001LF	YES	15μ" (.38μm) Au	LEAD FREE	5
55715-001BLF	YES	15μ" (.38μm) Au	LEAD FREE	5 AND 7
55715-091	YES	15μ" (.38μm) GXT	SnPb	
55715-091BF	YES	15μ" (.38μm) GXT	SnPb	7
55715-091LF	YES	15μ" (.38μm) GXT	LEAD FREE	5
55715-091BLF	YES	15μ" (.38μm) GXT	LEAD FREE	5 AND 7
55715-101	YES	30μ" (.76μm) Au	SnPb	
55715-101BF	YES	30μ" (.76μm) Au	SnPb	7
55715-101LF	YES	30μ" (.76μm) Au	LEAD FREE	5
55715-101BLF	YES	30μ" (.76μm) Au	LEAD FREE	5 AND 7
55715-191	YES	30μ" (.76μm) GXT	SnPb	
55715-191BF	YES	30μ" (.76μm) GXT	SnPb	7
55715-191LF	YES	30μ" (.76μm) GXT	LEAD FREE	5
55715-191BLF	YES	30μ" (.76μm) GXT	LEAD FREE	5 AND 7
55715-201	YES	50μ" (1.27μm) Au SPECIAL	SnPb	3
55715-201BF	YES	50μ" (1.27μm) Au SPECIAL	SnPb	3 AND 7
55715-201LF	YES	50μ" (1.27μm) Au SPECIAL	LEAD FREE	3 AND 5
55715-201BLF	YES	50μ" (1.27μm) Au SPECIAL	LEAD FREE	3, 5 AND 7
55715-291	YES	50μ" (1.27μm) GXT SPECIAL	SnPb	3
55715-291BF	YES	50μ" (1.27μm) GXT SPECIAL	SnPb	3 AND 7
55715-291LF	YES	50μ" (1.27μm) GXT SPECIAL	LEAD FREE	3 AND 5
55715-291BLF	YES	50μ" (1.27μm) GXT SPECIAL	LEAD FREE	3, 5 AND 7
55715-301	YES	15μ" (.38μm) AU SPECIAL	SnPb	6
55715-301LF	YES	15μ" (.38μm) AU SPECIAL	LEAD FREE	5 & 6
55715-401	YES	30μ" (.76μm) AU SPECIAL	SnPb	6
55715-401LF	YES	30μ" (.76μm) AU SPECIAL	LEAD FREE	5 & 6
55715-501	YES	AU SPECIAL	SnPb	3 & 6
55715-501LF	YES	AU SPECIAL	LEAD FREE	3, 5 & 6



BOARD PATTERN

spec ref				dr	S, Praveenkuma	2025/06/04			mm	size	A3	scale	10:1
tolerance std	TOLERANCES UNLESS OTHERWISE SPECIFIED			eng	Robin Johnson	2025/07/07			ecn no	ELX-V-56184-1			
				chr	-	-							
ASME Y14.5				appr	Jeremy Ellis	2025/07/07	product family		MEG-Array		rel level		Released
surface		linear	0.X	±.3	Amphenol FCI	title	4mm RECEPT. ASSEMBLY			dwg no	55715		rev
			0.XX	±.10									
			0.XXX	±.050									
ASME Y14.5		angular	0°	±2°	amphenol-icc.com	cat. no.	Product - Customer Drw				sheet 2 of 3		K



spec ref				dr		S, Praveenkuma	2025/06/04		projection		mm		size		A3		scale		10:1										
tolerance std		TOLERANCES UNLESS OTHERWISE SPECIFIED				eng		Robin Johnson					2025/07/07		ecn no				ELX-V-56184-1										
ASME Y14.5						chr		-					-						product family				MEG-Array						
-		appr		Jeremy Ellis		2025/07/07		dwg no				55715				rel level		Released											
surface ✓ ASME Y14.5		linear		0.X		±.3						Amphenol FCi		title		4mm RECEPT. ASSEMBLY		9 X 9 = 81 POSITION		cat. no.		Product - Customer Drw		sheet 3 of 3		rev		K	
								0.XX		±.10																			
								0.XXX		±.050																			
angular		0°		±2°		amphenol-icc.com																							