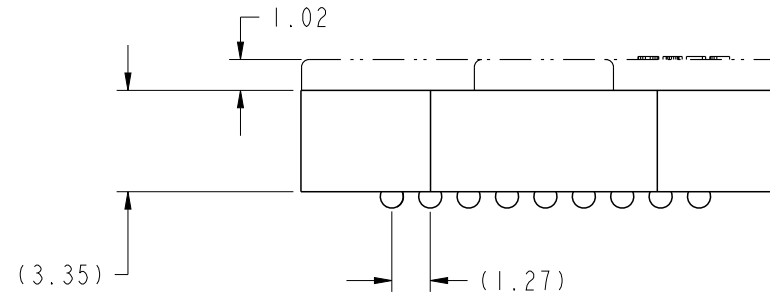
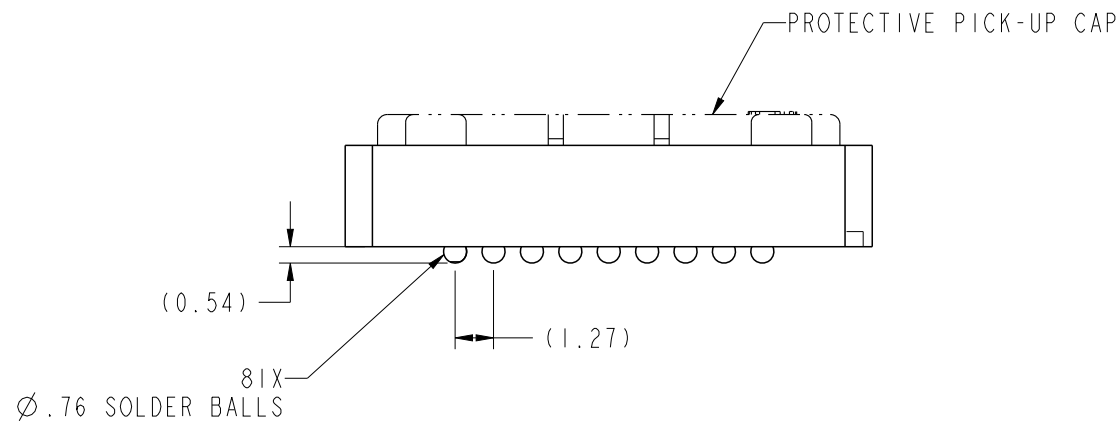
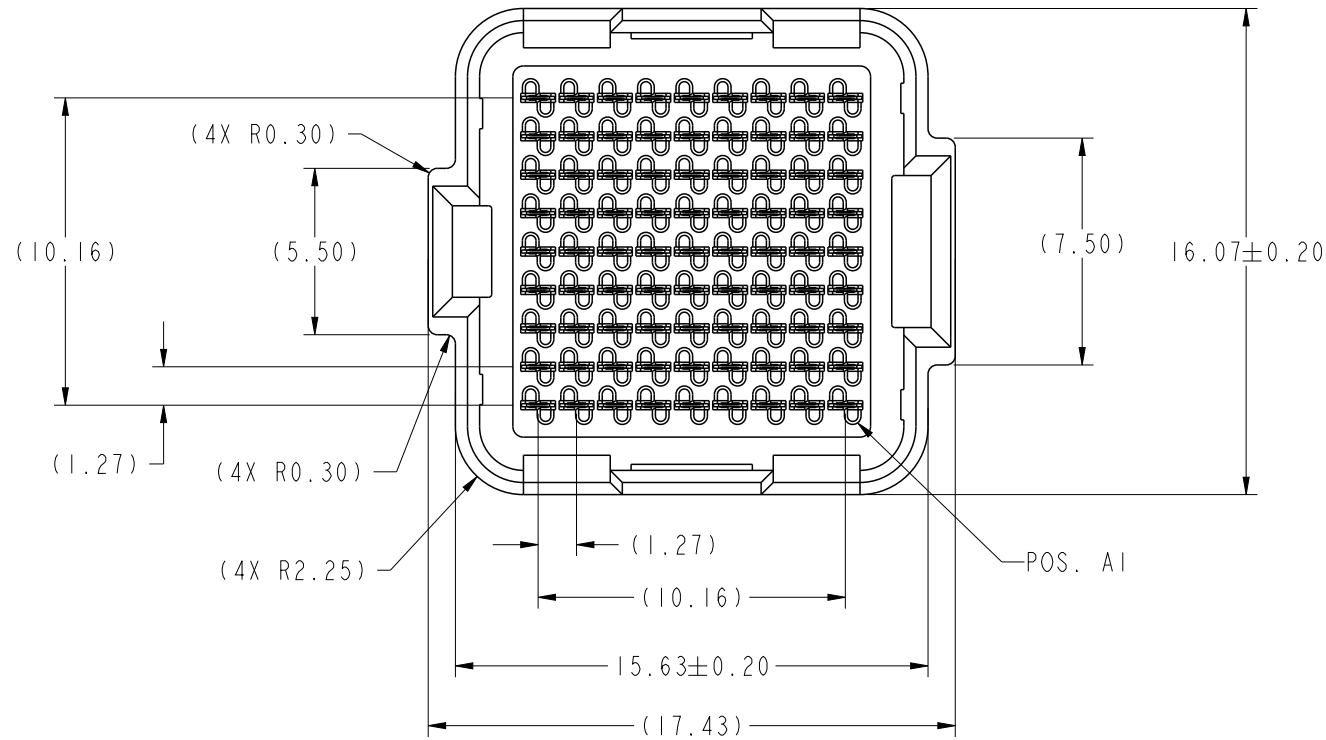


PRODUCT NO.
SEE SHEET 2



NOTES:

① MAT'L:

HOUSING: LCP
CONTACT: COPPER ALLOY

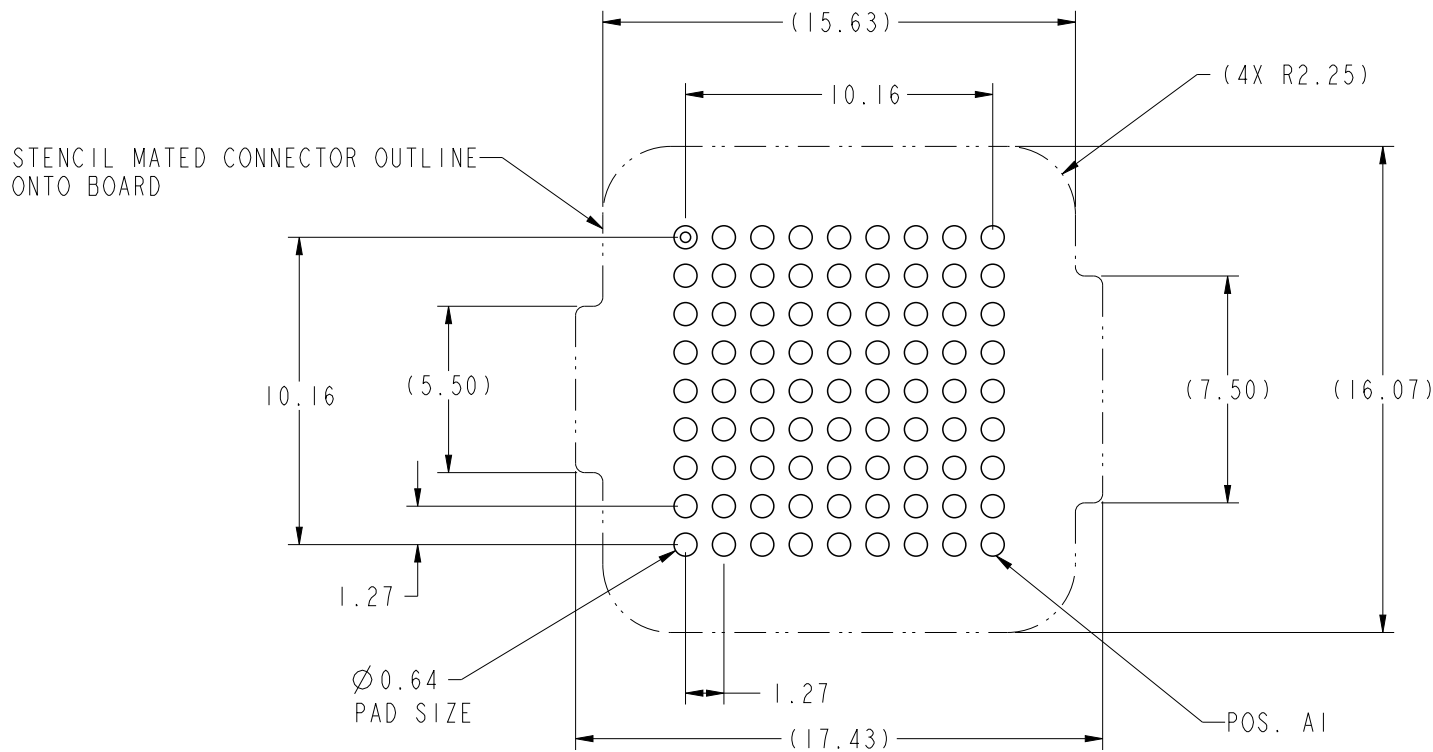
PLATING:

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 55715
81 POSITION 4.0mm RECPT. IS 4.0mm REF.
3. PLATING FOR -2XX SERIES DASH NUMBERS. MEETS
THE REQUIREMENTS OF
CENTRAL OFFICE ENVIRONMENT, (25 YEAR LIFE EXPECTANCY).
- ④ FOR PROPER APPLICATION FOLLOW AMPHENOL 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

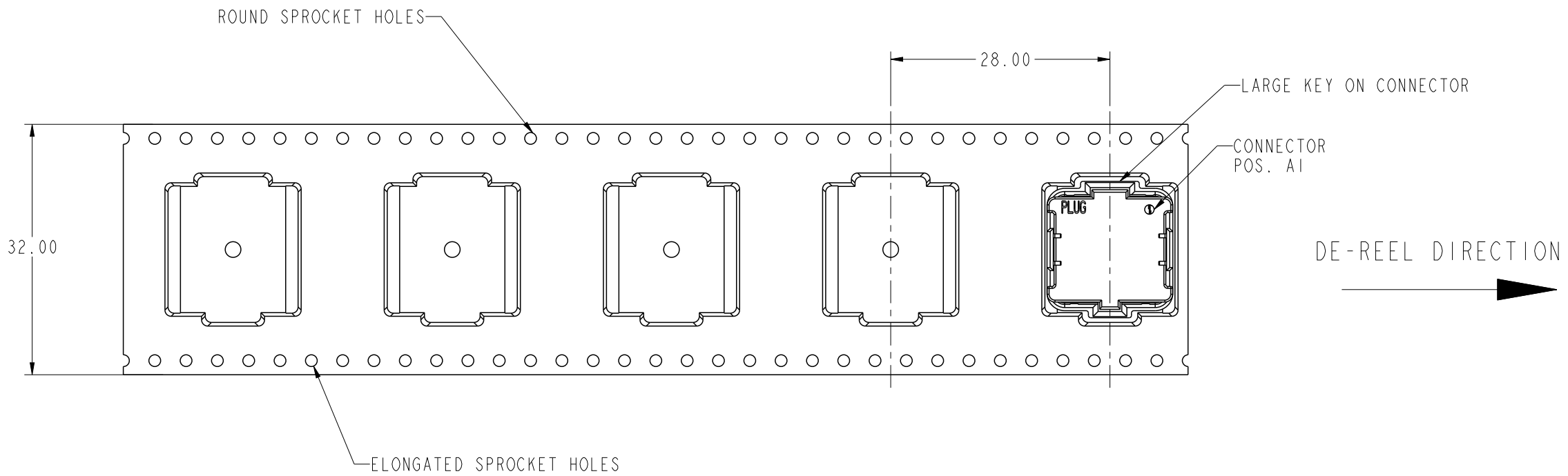
spec ref -				dr S, Praveenkuma		2025/06/03		projection		MM		size A3		scale 4:1	
tolerance std -				eng Robin Johnson		2025/07/07						ecn no ELX-V-56184-1			
ASME Y14.5				chr -		-									
				appr Jeremy Ellis		2025/07/07						product family MEG-Array			
surface 3.2		linear	0.X	±0.3	Amphenol FCI		title 0mm PLUG ASSEMBLY				dwg no 55714		rev J		
			0.XX	±0.10											
			0.XXX	±0.050											
ASME Y14.5		angular	0°	±2°	amphenol-icc.com		cat. no. -		Product - Customer Drw				sheet 1 of 3		

PRODUCT NO.	PICK-UP CAP	CONTACT PLATING	SOLDER BALL
55714-002	YES	15u"(0.38um) Au OVER Ni	SnPb
55714-002LF			SnAgCu LEAD FREE, NOTE 5
55714-092	YES	15u"(0.38um) GXT OVER Ni	SnPb
55714-092LF			SnAgCu LEAD FREE, NOTE 5
55714-102	YES	30u"(0.76um) Au OVER Ni	SnPb
55714-102LF			SnAgCu LEAD FREE, NOTE 5
55714-192	YES	30u"(0.76um) GXT OVER Ni	SnPb
55714-192LF			SnAgCu LEAD FREE, NOTE 5
55714-202	YES	SPECIAL Au PLATING, SEE NOTE 3	SnPb, NOTE 3
55714-202LF			SnAgCu LEAD FREE, NOTES 3 AND 5
55714-292	YES	SPECIAL GXT PLATING, SEE NOTE 3	SnPb, NOTE 3
55714-292LF			SnAgCu LEAD FREE, NOTES 3 AND 5



BOARD PATTERN

spec ref		-		dr		S, Praveenkuma		2025/06/03		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		rel level		Released									
- ASME Y14.5				chr		-		-																			
				appr		Jeremy Ellis		2025/07/07																product family		MEG-Array	
surface 3.2		linear		0.X		±0.3		Amphenol FCI		title		0mm PLUG ASSEMBLY		dwg no		55714		rev		J							
ASME Y14.5																								0.XX		±0.10	
																								0.XXX		±0.050	
angular		0°		±2°		amphenol-icc.com		cat. no.		-		Product - Customer Drw		sheet 2 of 3													



spec ref -				dr S, Praveenkuma		2025/06/03				size A3		scale 2:1			
tolerance std - ASME Y14.5 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 3.2 ASME Y14.5		linear	0.X	±0.3					0mm PLUG ASSEMBLY				dwg no 55714		rev J
			0.XX	±0.10											
			0.XXX	±0.050											
		angular		0°	±2°	amphenol-icc.com		cat. no. -		Product - Customer Drw				sheet 3 of 3	