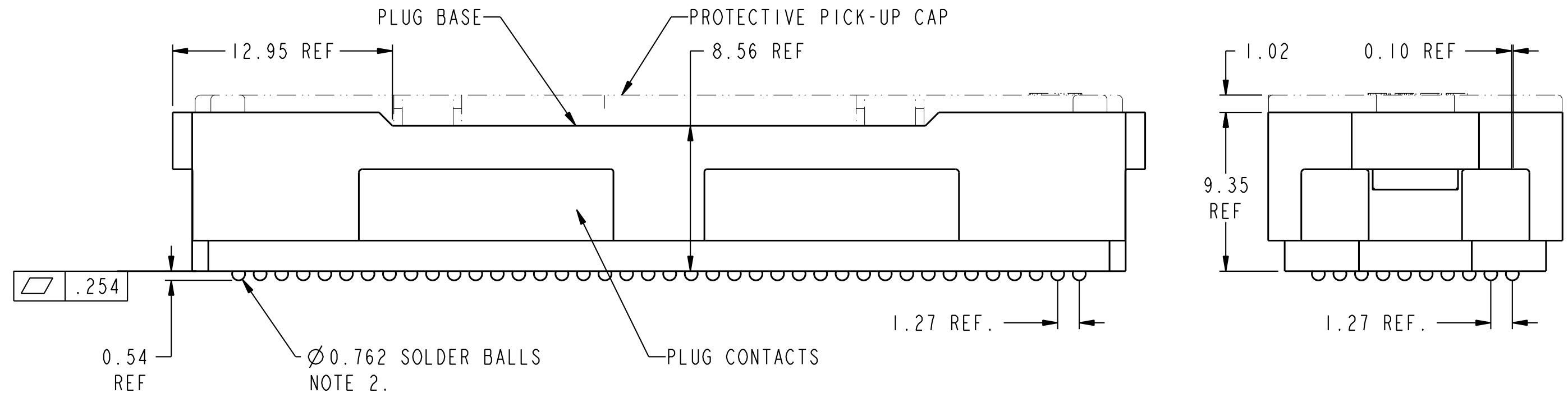
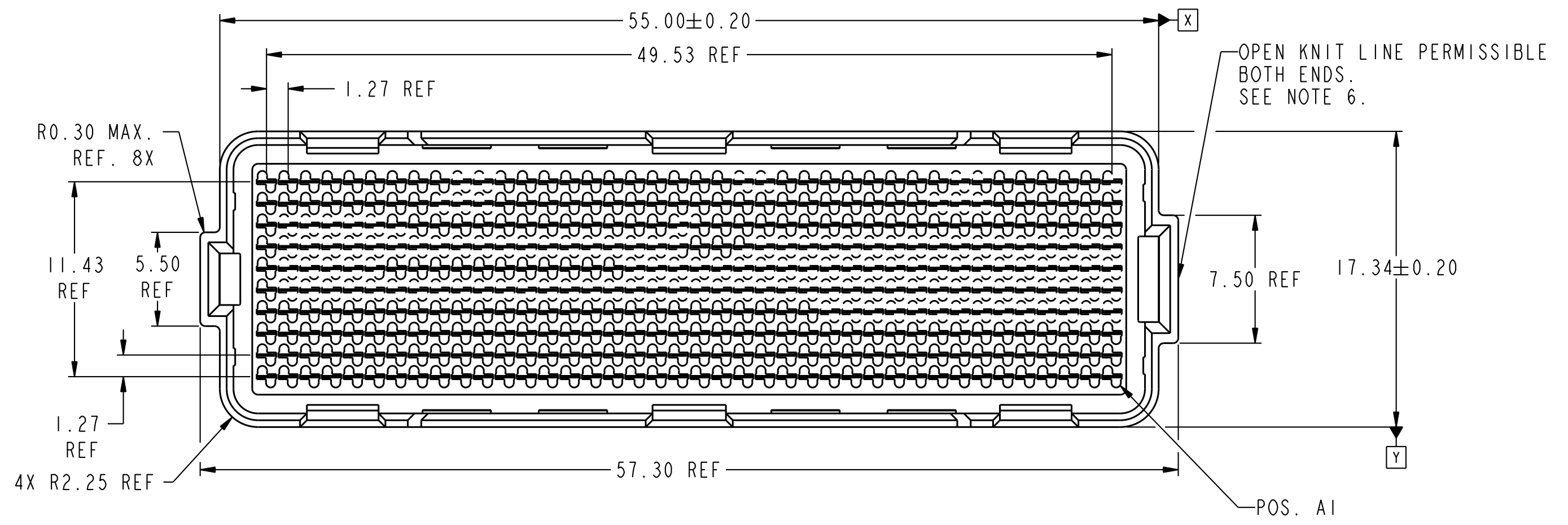


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\square .254

\oplus $\phi .30$ X Y

spec ref	-	dr	wcadmin, wcadm	1999/08/19	projection		mm	size	A3	scale	4:1
tolerance std	ASME Y14.5	eng	Robert Brown	2020/08/25	chr	-		ecn no	ELX-V-38117-1	rel level	Released
TOLERANCES UNLESS OTHERWISE SPECIFIED		appr	Matthew Emenhe	2020/08/25	product family	MEG-ARRAY		dwg no		84520	rev
surface		linear	0.X	± 0.3	Amphenol FCI		6.0mm PLUG ASSEMBLY				J
			0.XX	± 0.13	www.fci.com		10 X 40 = 400 POSITIONS				
		angular	0°	$\pm 2^\circ$	cat. no.	Product - Customer Drw		sheet 1 of 5			

A

B

C

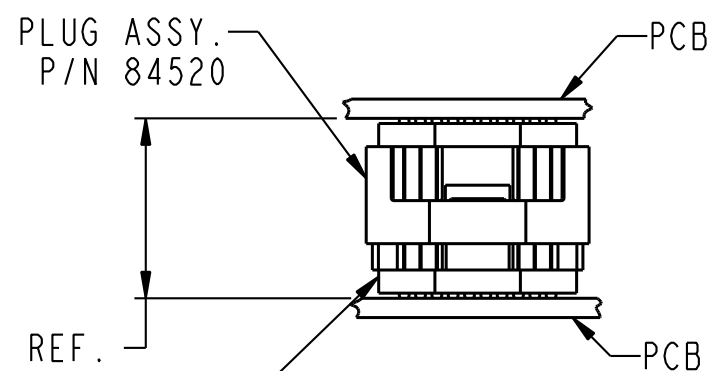
D

A

B

C

D

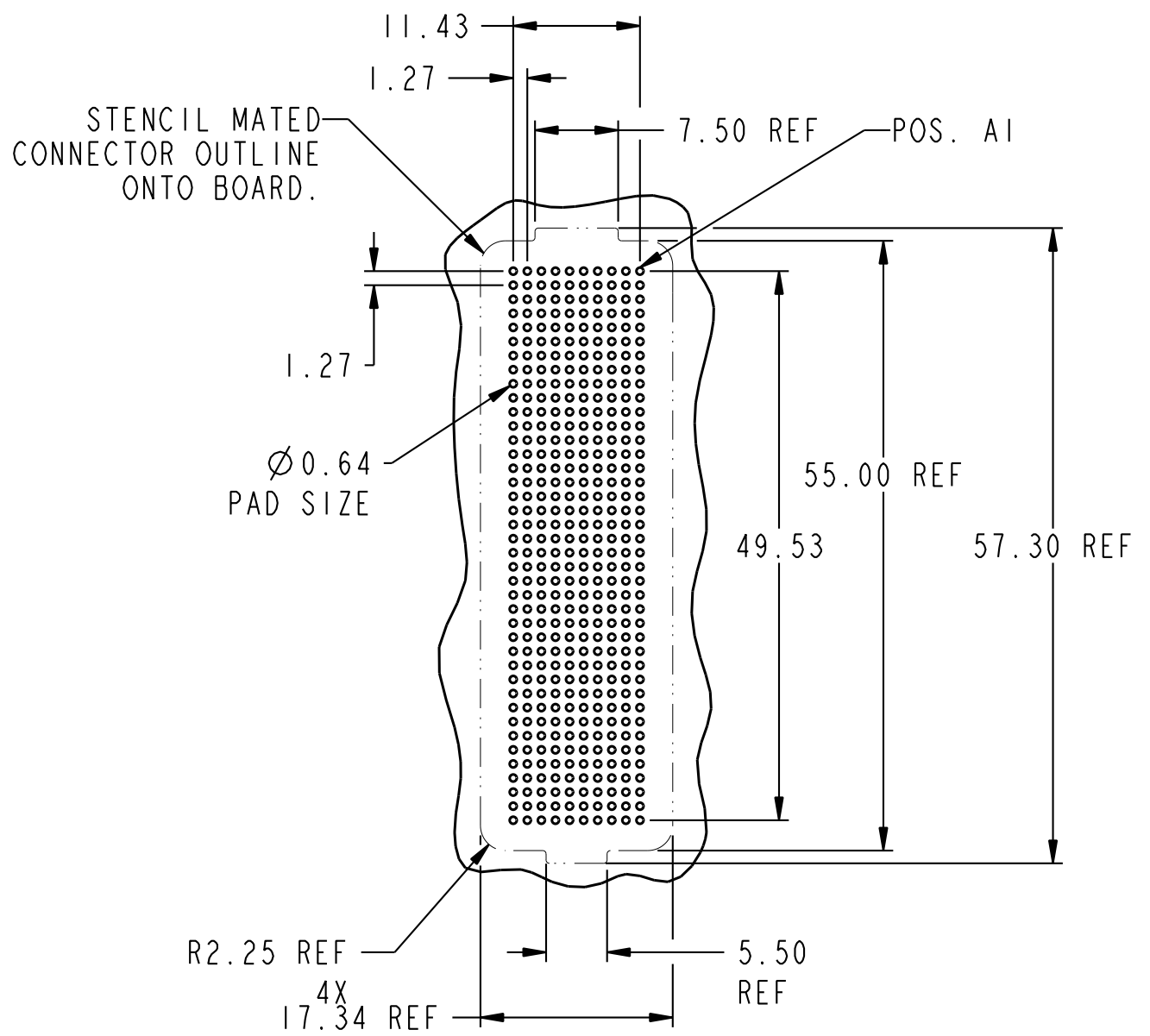


DIM "A" REF.
MATED HEIGHT
AFTER REFLOW
SEE NOTE 3.

END VIEW - MATED CONNECTORS

MATED HEIGHT AFTER REFLOW IS BASED ON $\varnothing 0.64$ mm PAD (METAL DEFINED) AND 0.13mm SOLDER PASTE STENCIL THICKNESS. SEE NOTE 3.

RECPT. ASSY.
(SEE TABLE BELOW)



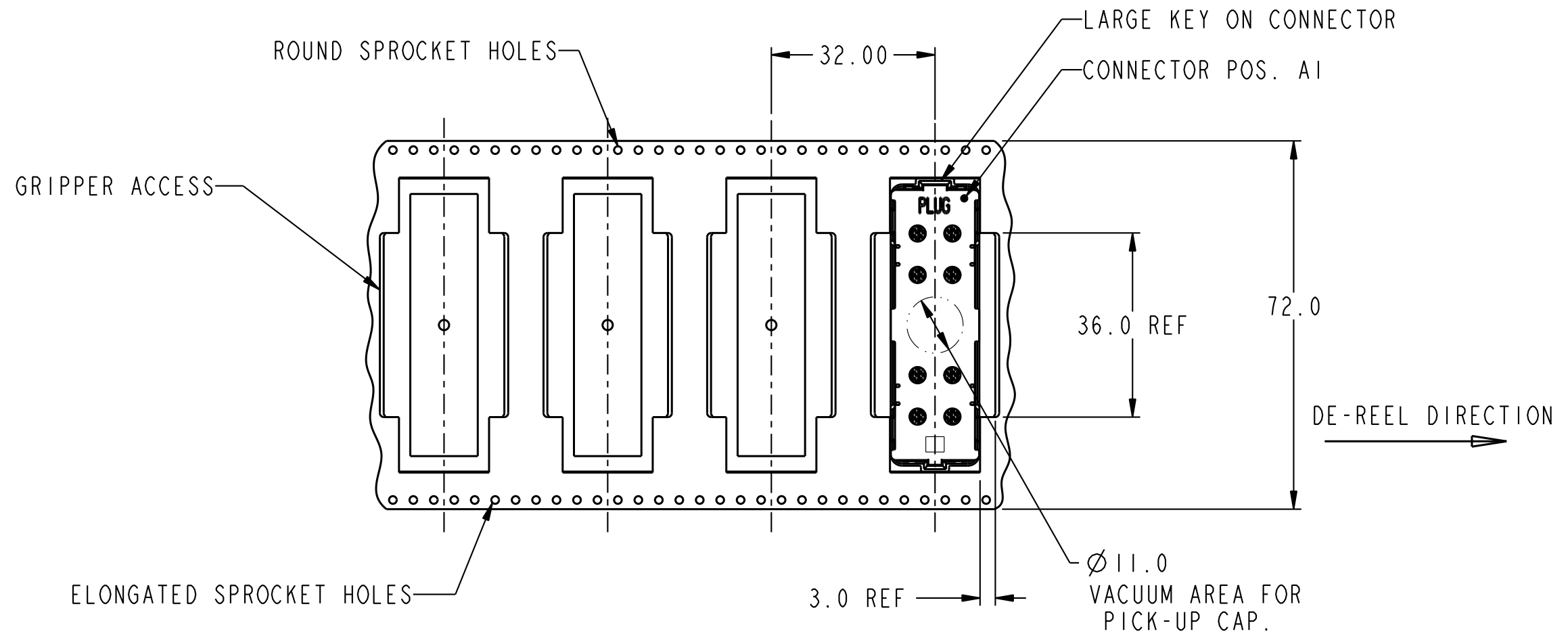
BOARD PATTERN

MATED HEIGHT TABLE		
DIM. "A"	RECPT. ASSY. P/N	-2XX PLATING
10.0	74221	SEE NOTE 4
12.0	74388	SEE NOTE 5
14.0	74390	SEE NOTE 5

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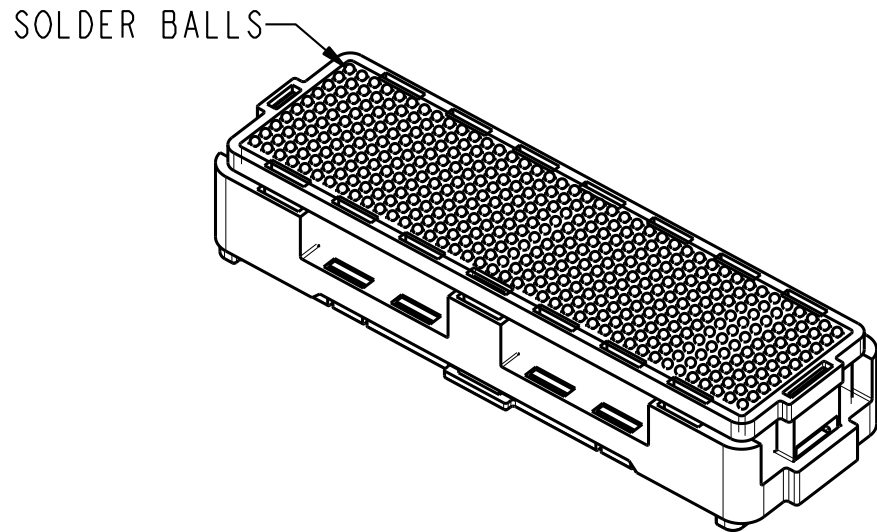
spec ref	-	dr	wcadmin, wcadm	1999/08/19	projection	mm	size	A3	scale	10:1	
tolerance std	ASME Y14.5	eng	Robert Brown	2020/08/25			ecn no	ELX-V-38117-1	rel level		Released
TOLERANCES UNLESS OTHERWISE SPECIFIED		chr	-	-			product family	MEG-ARRAY	rel level		Released
surface		linear	0.X	± 0.3	Amphenol FCI		title	6.0mm PLUG ASSEMBLY		rev	J
		0.XX	± 0.13	www.fci.com		part no.	10 X 40 = 400 POSITIONS		dwg no	84520	
		0.XXX	± 0.051	Product - Customer Drw		cat. no.	Product - Customer Drw		sheet	2 of 5	
ASME Y14.5	angular	0°	$\pm 2^\circ$								



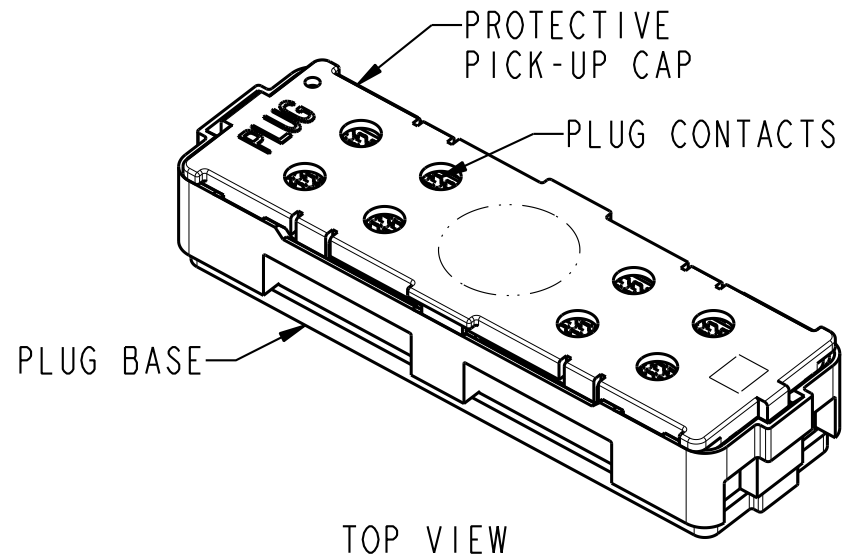
TAPE & REEL PACKAGING
PER EIA 481-3

spec ref -		dr wadmin, wcadm	1999/08/19	projection	mm	size A3	scale 2:1
tolerance std ASME Y14.5	TOLERANCES UNLESS OTHERWISE SPECIFIED	eng Robert Brown	2020/08/25			ecn no ELX-V-38117-1	
		chr -	-			rel level Released	
surface		linear	appr Matthew Emenhe	2020/08/25	product family MEG-ARRAY		dwg no 84520
ASME Y14.5	angular	Amphenol FCI www.fci.com		title 6.0mm PLUG ASSEMBLY 10 X 40 = 400 POSITIONS		rev J	
		cat. no.		Product - Customer Drw		sheet 3 of 5	

PRODUCT NUMBER	PICK-UP CAP (NATURAL OR BLACK COLOR)	CONTACT PLATING AND THICKNESS	SOLDER BALL	NOTES
84520-002	YES	15μ" / (.38μm) Au	SnPb	
84520-002LF	YES	15μ" / (.38μm) Au	LEAD FREE	8
84520-092	YES	15μ" / (.38μm) GXT	SnPb	
84520-092LF	YES	15μ" / (.38μm) GXT	LEAD FREE	8
84520-102	YES	30μ" / (.76μm) Au	SnPb	
84520-102LF	YES	30μ" / (.76μm) Au	LEAD FREE	8
84520-192	YES	30μ" / (.76μm) GXT	SnPb	
84520-192LF	YES	30μ" / (.76μm) GXT	LEAD FREE	8
84520-202	YES	50μ" / (1.27μm) Au SPECIAL	SnPb	4 AND 5
84520-202LF	YES	50μ" / (1.27μm) Au SPECIAL	LEAD FREE	4, 5, AND 8
84520-292	YES	50μ" / (1.27μm) GXT SPECIAL	SnPb	4 AND 5
84520-292LF	YES	50μ" / (1.27μm) GXT SPECIAL	LEAD FREE	4, 5 AND 8
84520-102LTTF	YES	30μ" / (.76μm) Au	LOW TEMPERATURE	8
84520-192LTTF	YES	30μ" / (.76μm) GXT	LOW TEMPERATURE	8



BOTTOM VIEW



TOP VIEW

spec ref	-	dr	wcadmin, wcadm	1999/08/19	projection	mm	size	A3	scale	17:10
tolerance std	ASME Y14.5	eng	Robert Brown	2020/08/25			ecn no	ELX-V-38117-1	rel level	Released
TOLERANCES UNLESS OTHERWISE SPECIFIED		chr	-	apppr						
surface		linear	0.X	±0.3	Amphenol FCI 6.0mm PLUG ASSEMBLY 10 X 40 = 400 POSITIONS		dwg no	84520	rev	J
ASME Y14.5		angular	0°	±2°						

Amphenol FCI

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PRODUCT NUMBER

SEE TABLE

NOTES:

1. MATERIAL:
HOUSING: LCP
CONTACT: COPPER ALLOY

PLATING:
CONTACT: SEE TABLE ON SHEET 4
SOLDER BALL: SEE TABLE ON SHEET 4
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 NUMBERS MEET THE REQUIREMENTS OF GR-1217-CORE, CENTRAL OFFICE ENVIRONMENT, (25 YEAR LIFE EXPECTANCY).

5. PLATING FOR INDICATED -2XX SERIES PART NOS. IS Au OVER Ni WITH SPECIAL CONTACT GEOMETRY TO MEETS REQUIREMENTS OF TELCORDIA GR-1217-CORE: CENTRAL OFFICE ENVIRONMENT.

6. KNIT LINE: SLIGHT VISIBLE MARKS (USUALLY A LINE) INDICATING THE DIRECTION AND MEETING POINT OF PLASTIC RESIN FLOW FRONTS TRAVELING AROUND ANY OBSTRUCTIONS TO THE RESIN FLOW VIA THE REQUIRED MOLD TOOLING.

7. 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.

8. THIS PRODUCT MEETS EUROPEAN UNION DIRECTIVE 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.

9. 84520-302, -302LF, -402, -402LF, -502 AND -502LF ARE OBSOLETE.

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

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spec ref -		dr	wcadmin, wcadm	1999/08/19	projection	mm	size	A3	scale	2:1	
tolerance std	TOLERANCES UNLESS OTHERWISE SPECIFIED	eng	Robert Brown	2020/08/25		mm	ecn no		ELX-V-38117-1		
ASME Y14.5		chr	-	-			rel level		Released		
surface		linear	appr	Matthew Emenhe	2020/08/25	product family	MEG-ARRAY		dwg no	84520	rev
ASME Y14.5	angular	www.fci.com		cat. no.	6.0mm PLUG ASSEMBLY		10 X 40 = 400 POSITIONS		Product - Customer Drw		sheet 5 of 5