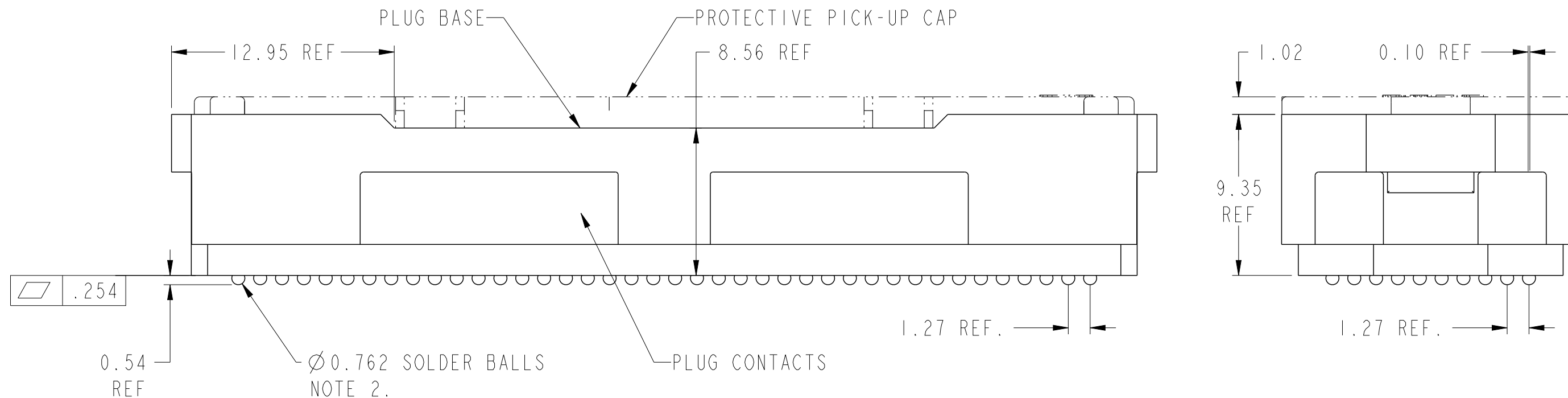
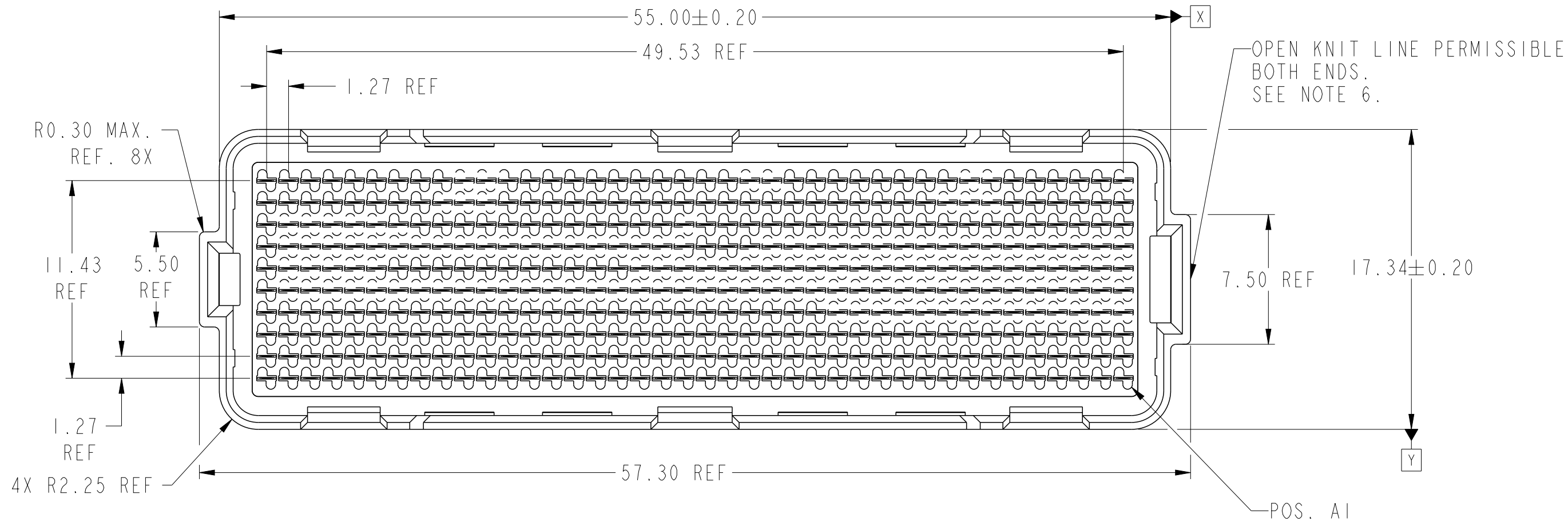
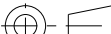




⊕ ⊙ .30 X Y

spec ref -				dr wvcadmin		1999/08/19		projection		mm		size A3		scale 4:1			
tolerance std ASME Y14.5 -				eng Dave Horchler		2012/11/21						ecn no ELX-V-13515-1					
TOLERANCES UNLESS OTHERWISE SPECIFIED		chr -		-													
				appr R Marshall		2012/11/27		product family MEG-ARRAY				rel level Released					
surface ✓ ASME Y14.5		linear		0.X ±0.3				title 6.0mm PLUG ASSEMBLY 10 X 40 = 400 POSITIONS				dwg no 84520				rev H	
				0.XX ±0.13													
				0.XXX ±0.051													
angular		0° ±2°		www.fci.com		cat. no.				Product - Customer Drw				sheet 1 of 5			

1

2

3

4

A

B

C

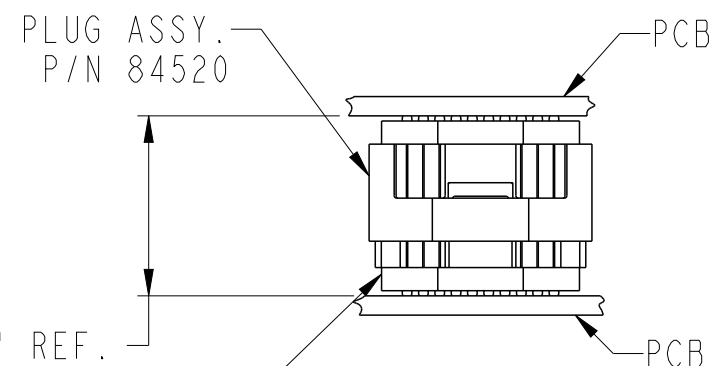
D

A

B

C

D



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

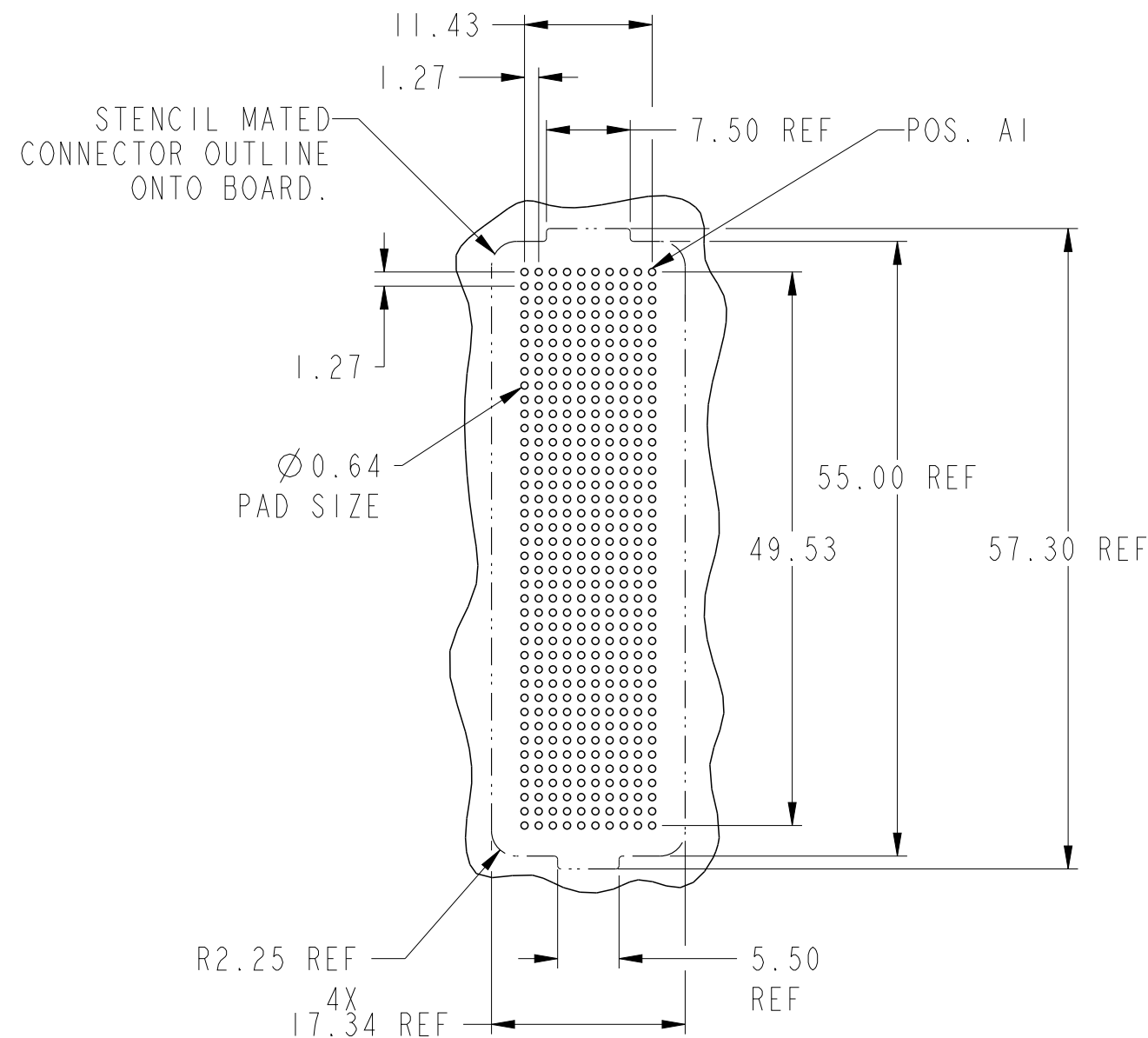
END VIEW - MATED CONNECTORS

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

RECPT. ASSY.
(SEE TABLE BELOW)

MATED HEIGHT TABLE

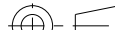
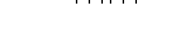
DIM. "A"	RECPT. ASSY. P/N	-2XX PLATING
10.0	74221	SEE NOTE 4
12.0	74388	SEE NOTE 5
14.0	74390	SEE NOTE 5



BOARD PATTERN



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spec ref -				dr w wadmin		1999/08/19		projection		mm		size A3		scale 10:1	
tolerance std ASME Y14.5 - TOLERANCES UNLESS OTHERWISE SPECIFIED				eng Dave Horchler		2012/11/21						ecn no ELX-V-13515-1			
				chr -		-									
				appr R Marshall		2012/11/27									
surface ✓ ASME Y14.5		linear		0.X ±0.3				title 6.0mm PLUG ASSEMBLY 10 X 40 = 400 POSITIONS				dwg no 84520		rev H	
				0.XX ±0.13											
				0.XXX ±0.051											
angular		0° ±2°		www.fci.com		cat. no.				Product - Customer Drw				sheet 2 of 5	

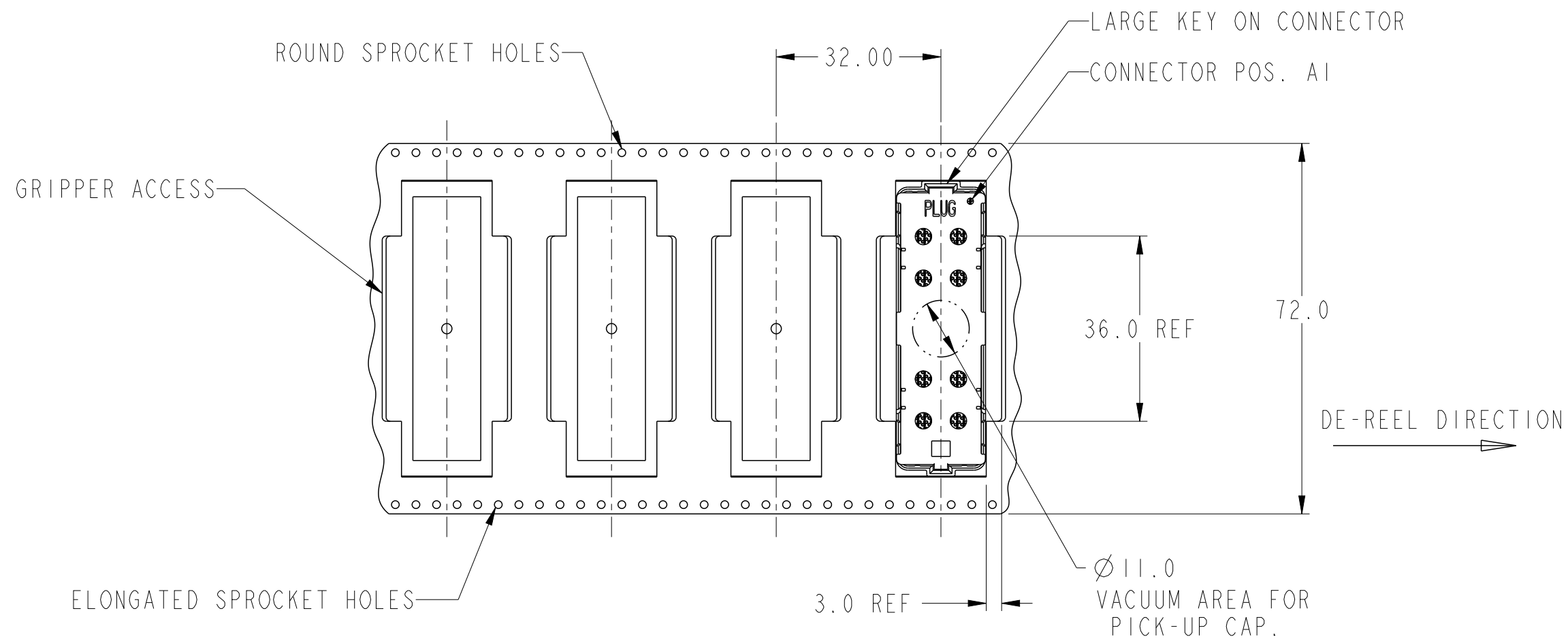
2

3

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TAPE & REEL PACKAGING
PER EIA 481-3

spec ref -				dr w cadmin		1999/08/19		projection 	mm 	size A3	scale 2:1	
tolerance std ASME Y14.5 - TOLERANCES UNLESS OTHERWISE SPECIFIED				eng Dave Horchler		2012/11/21				ecn no ELX-V-13515-1		
				chr -		-				rel level Released		
				appr R Marshall		2012/11/27		product family MEG-ARRAY				
surface  ASME Y14.5		linear	0.X	±0.3		title 6.0mm PLUG ASSEMBLY 10 X 40 = 400 POSITIONS				dwg no		rev H
			0.XX	±0.13								
			0.XXX	±0.051								
angular		0°	±2°	www.fci.com		cat. no.		Product - Customer Drw		sheet 3 of 5		

1

2

3

4

A

B

C

D

A

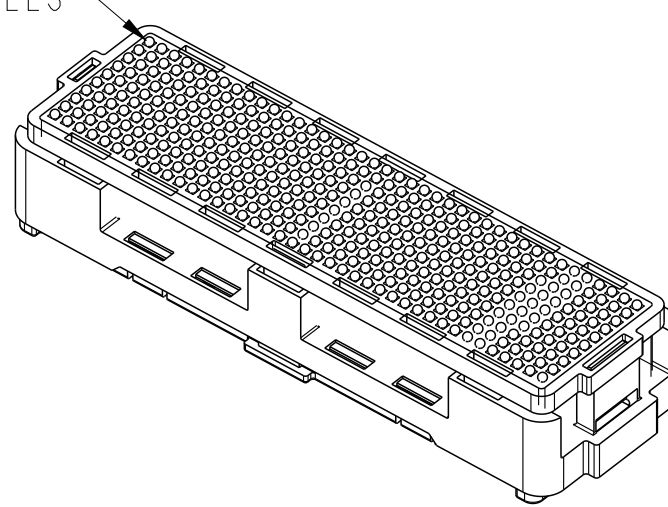
B

C

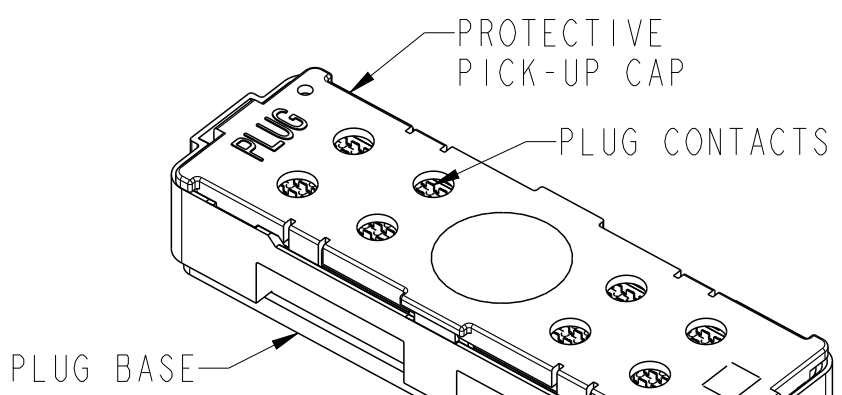
D

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
84520-302	YES	15μ" / (.38μm) Au SPECIAL	SnPb	9
84520-302LF	YES	15μ" / (.38μm) Au SPECIAL	LEAD FREE	8 AND 9
84520-402	YES	30μ" / (.76μm) Au SPECIAL	SnPb	9
84520-402LF	YES	30μ" / (.76μm) Au SPECIAL	LEAD FREE	8 AND 9
84520-502	YES	Au SPECIAL	SnPb	4 AND 5
84520-502LF	YES	Au SPECIAL	LEAD FREE	4, 5 AND 8

SOLDER BALLS



BOTTOM VIEW



TOP VIEW

spec ref		-		dr		w wcadmin		1999/08/19		projection		mm		size		A3		scale		17:10									
tolerance std		TOLERANCES UNLESS OTHERWISE SPECIFIED		eng		Dave Horchler		2012/11/21						ecm no		ELX-V-13515-1		rel level		Released									
ASME Y14.5				chr		-		-																					
-				appr		R Marshall		2012/11/27														product family		MEG-ARRAY					
surface				linear		0.X		±0.3				title		6.0mm PLUG ASSEMBLY		dwg no		84520		rev		H							
ASME Y14.5																								0.XX		±0.13		10 X 40 = 400 POSITIONS	
angular																								0°		±2°		www.fci.com	



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2

3

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

spec ref -				dr w cadmin		1999/08/19		projection	mm	size A3		scale 2:1		
tolerance std ASME Y14.5 - TOLERANCES UNLESS OTHERWISE SPECIFIED				eng Dave Horchler		2012/11/21				ecn no ELX-V-13515-1				
				chr -		-				rel level Released				
				appr R Marshall		2012/11/27		product family MEG-ARRAY						
surface		linear	0.X	±0.3		title 6.0mm PLUG ASSEMBLY 10 X 40 = 400 POSITIONS				dwg no 54520		rev H		
			0.XX	±0.13										
			0.XXX	±0.051										
ASME Y14.5		angular	0°	±2°	www.fci.com		cat. no.		Product - Customer Drw				sheet 5 of 5	

Данный компонент на территории Российской Федерации

Вы можете приобрести в компании MosChip.

Для оперативного оформления запроса Вам необходимо перейти по данной ссылке:

<http://moschip.ru/get-element>

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В нашем ассортименте представлены ведущие мировые производители активных и пассивных электронных компонентов.

Нашей специализацией является поставка электронной компонентной базы двойного назначения, продукции таких производителей как XILINX, Intel (ex.ALTERA), Vicor, Microchip, Texas Instruments, Analog Devices, Mini-Circuits, Amphenol, Glenair.

Сотрудничество с глобальными дистрибьюторами электронных компонентов, предоставляет возможность заказывать и получать с международных складов практически любой перечень компонентов в оптимальные для Вас сроки.

На всех этапах разработки и производства наши партнеры могут получить квалифицированную поддержку опытных инженеров.

Система менеджмента качества компании отвечает требованиям в соответствии с ГОСТ Р ИСО 9001, ГОСТ РВ 0015-002 и ЭС РД 009

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