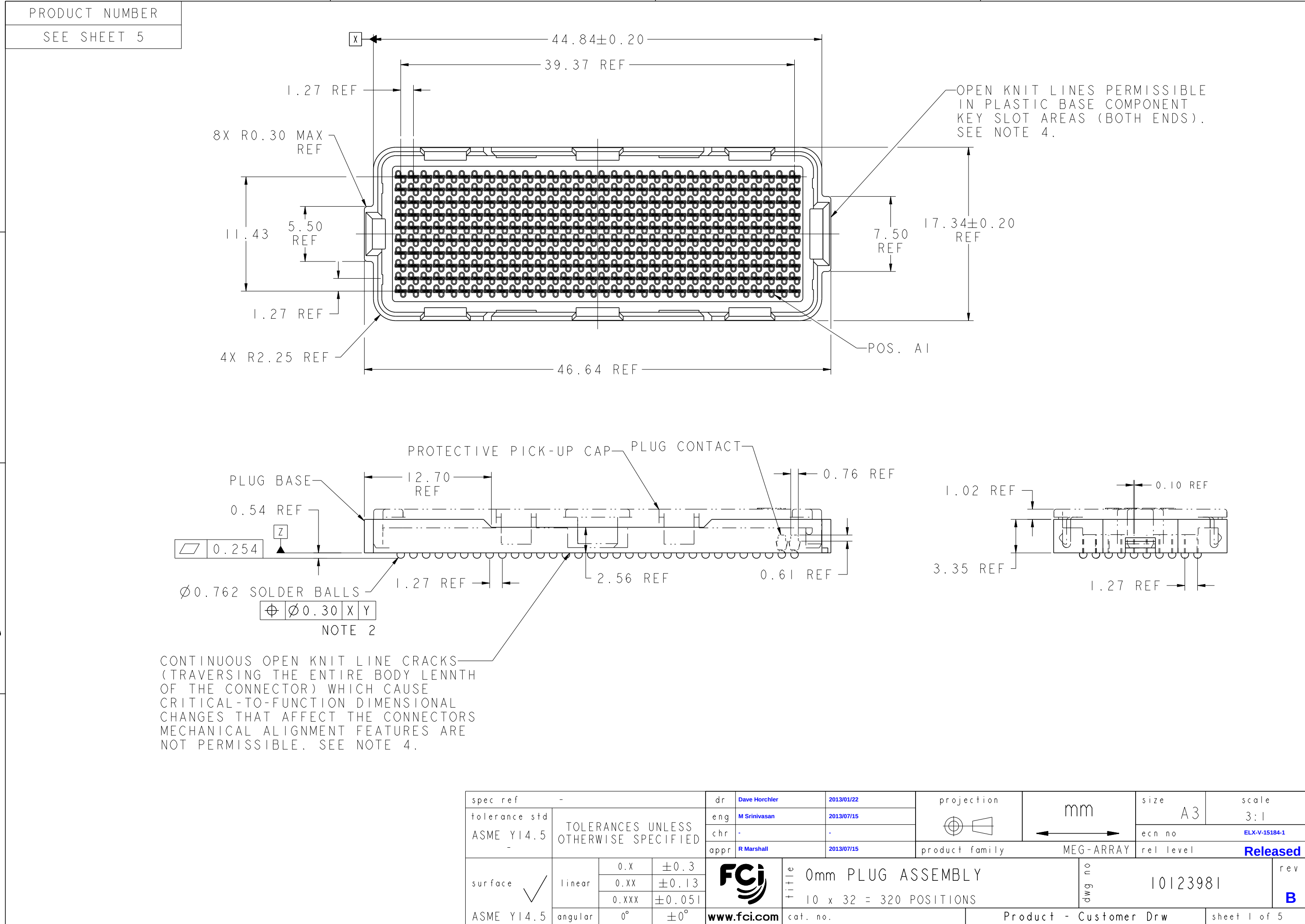
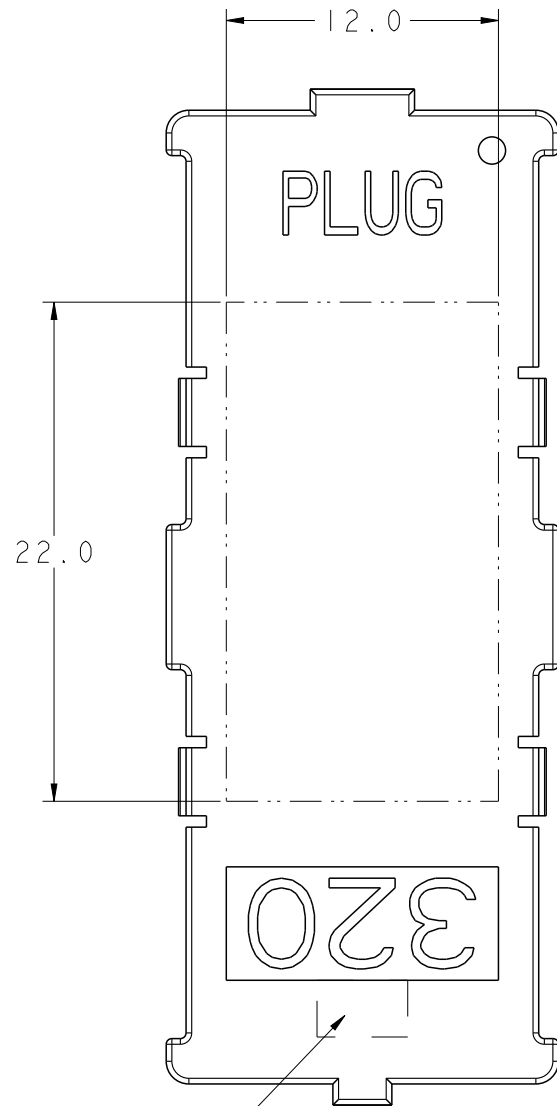




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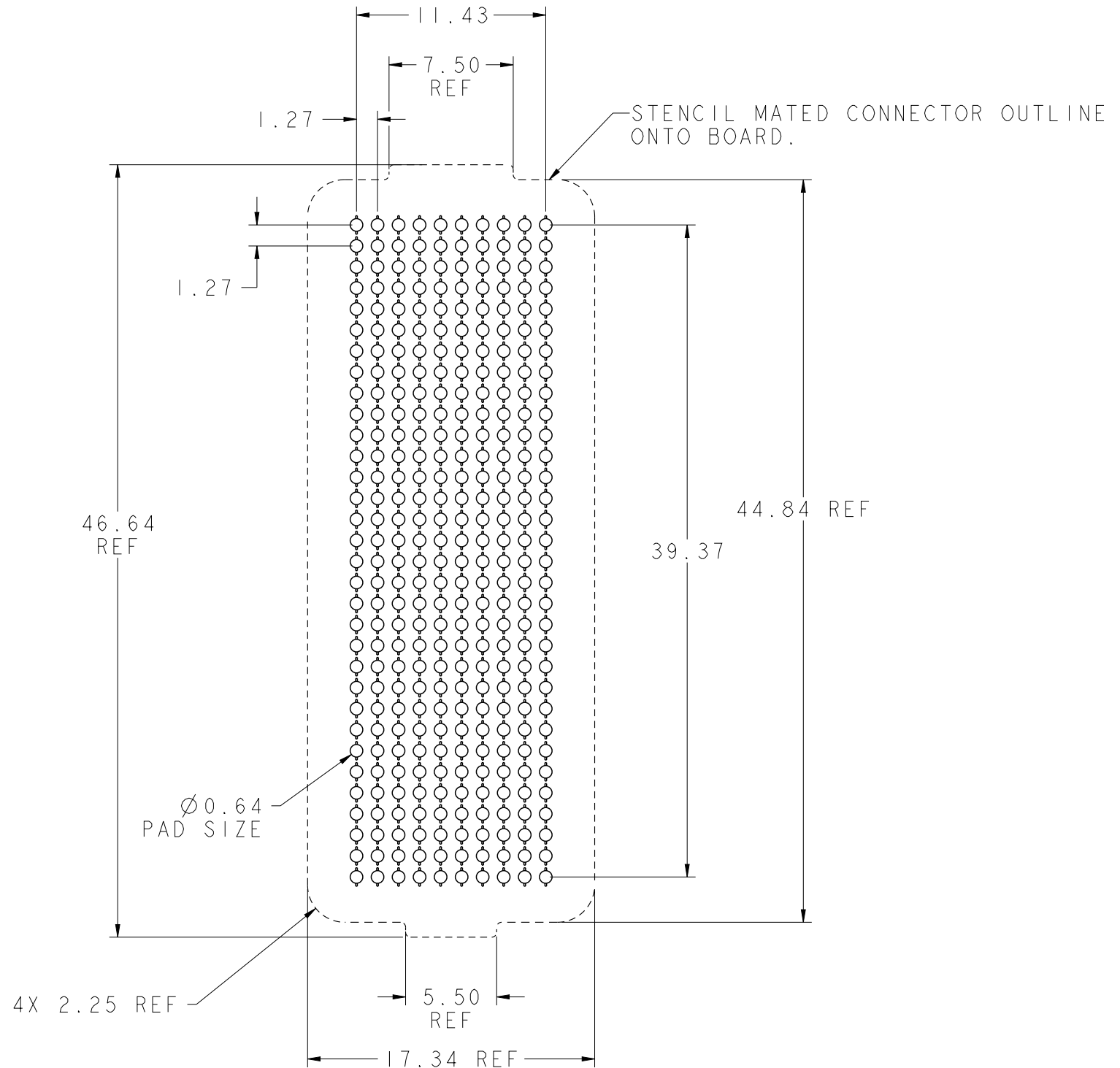


PRODUCT NUMBER
SEE SHEET 5



NOTE 6

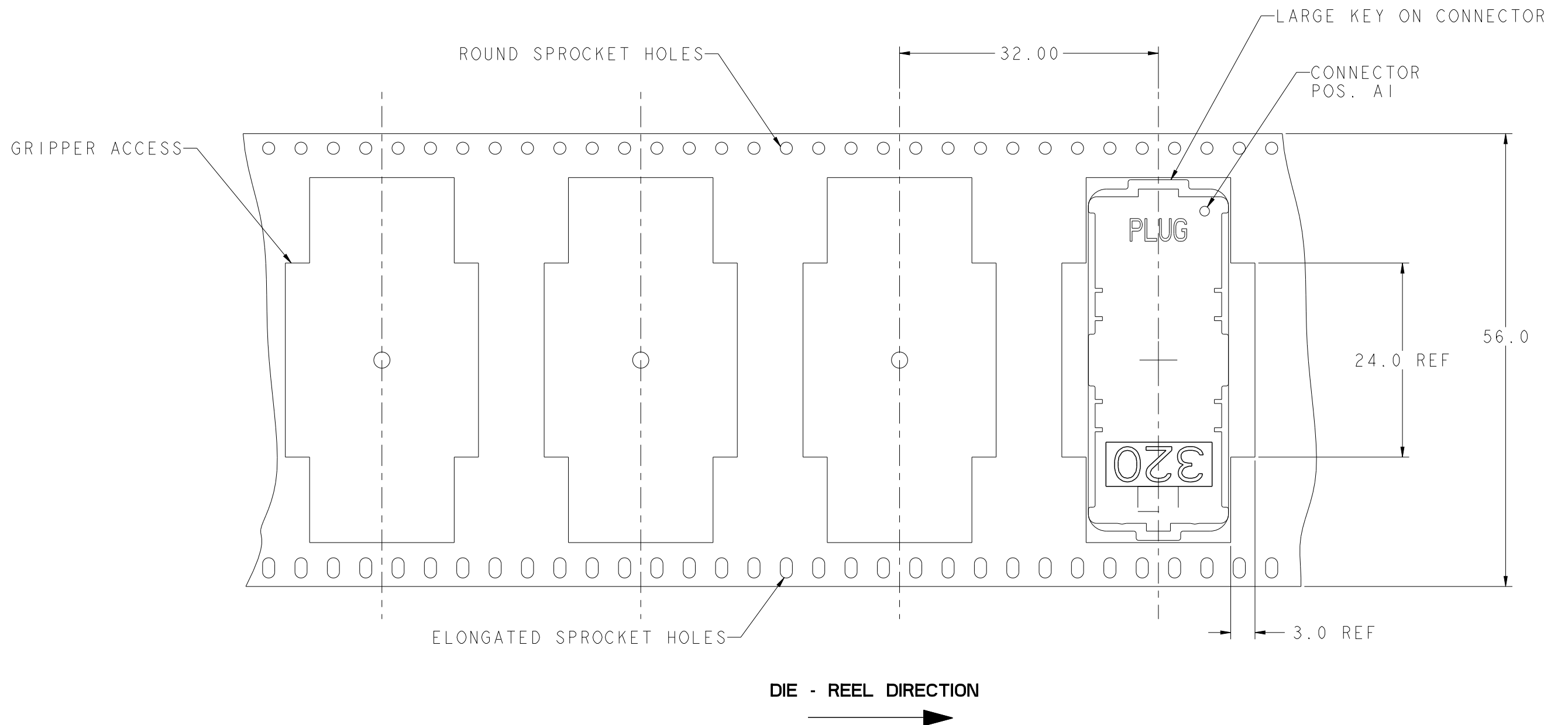
FLAT AREA FOR
PICK-UP CAP



BOARD PATTERN

spec ref -				dr Dave Horchler		2013/01/22		projection 	mm 	size A3	scale 3:1	
tolerance std ASME Y14.5 -	TOLERANCES UNLESS OTHERWISE SPECIFIED			eng M Srinivasan	2013/07/15		ecn no ELX-V-15184-1					
				chr -	-		rel level Released					
				appr R Marshall		2013/07/15				product family MEG-ARRAY		
surface  ASME Y14.5	linear	0.X	±0.3		title 0mm PLUG ASSEMBLY 10 x 32 = 320 POSITIONS				dwg no 10123981	rev B		
		0.XX	±0.13									
		0.XXX	±0.051									
	angular	0°	±0°	www.fci.com		cat. no.						Product - Customer Drw

PRODUCT NUMBER
SEE SHEET 5



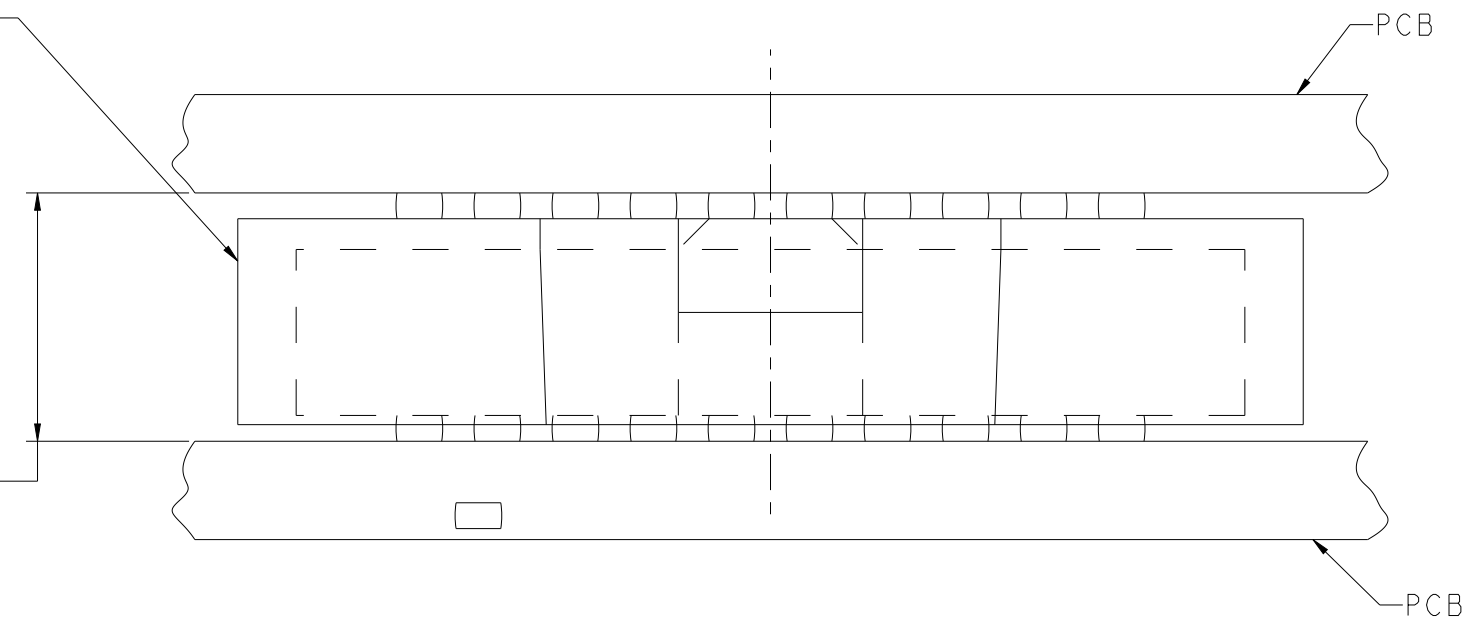
TAPE & REEL PACKAGING
PER EIA 481 - 3
SCALE NONE

spec ref -				dr Dave Horchler		2013/01/22		projection	mm	size	A3	scale	3:1
tolerance std ASME Y14.5 -	TOLERANCES UNLESS OTHERWISE SPECIFIED			eng	M Srinivasan	2013/07/15	ecn no ELX-V-15184-1						
				chr	-	-	rel level Released						
				appr	R Marshall	2013/07/15					product family MEG-ARRAY		
surface	linear	0.X	±0.3		title 0mm PLUG ASSEMBLY 10 x 32 = 320 POSITIONS				dwg no	10123981		rev B	
		0.XX	±0.13										
		0.XXX	±0.051										
	ASME Y14.5	angular	0°	±0°	www.fci.com	cat. no.			Product - Customer Drw			sheet 3 of 5	

PRODUCT NUMBER
SEE SHEET 5

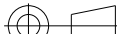
PLUG ASSY
P/N 10123981-XXX

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



MATED HEIGHT AFTER REFLOW IS BASED ON Ø0.64mm PAD (METAL-DEFINED)
AND 0.13mm SOLDER PASTE STENCIL THICKNESS. SEE NOTE 3

END VIEW - MATED CONNECTORS
SCALE NONE

spec ref -				dr Dave Horchler		2013/01/22		projection				size A3		scale 3:1			
tolerance std ASME Y14.5 -				TOLERANCES UNLESS OTHERWISE SPECIFIED				eng M Srinivasan		2013/07/15						ecn no ELX-V-15184-1	
chr -		-						rel level Released									
appr R Marshall		2013/07/15						product family MEG-ARRAY									
surface 		linear		0.X ±0.3 0.XX ±0.13 0.XXX ±0.051				title 0mm PLUG ASSEMBLY 10 x 32 = 320 POSITIONS				dwg no 10123981		rev B			
ASME Y14.5		angular 0° ±0°		www.fci.com		cat. no.				Product - Customer Drw				sheet 4 of 5			

A

B

C

D

PRODUCT NUMBER	PICK-UP CAP (NATURAL OR BLACK IN COLOR)	CONTACT PLATING AND THICKNESS	SOLDER BALL	NOTES
10123981-002	YES	15u" (.38um) Au	SnPb	
10123981-002LF	YES	15u" (.38um) Au	LEAD FREE	4 AND 5
10123981-092	YES	15u" (.38um) GXT	SnPb	
10123981-092LF	YES	15u" (.38um) GXT	LEAD FREE	4 AND 5
10123981-102	YES	30u" (.76um) Au	SnPb	
10123981-102LF	YES	30u" (.76um) Au	LEAD FREE	4 AND 5
10123981-192	YES	30u" (.76um) GXT	SnPb	
10123981-192LF	YES	30u" (.76um) GXT	LEAD FREE	4 AND 5
10123981-202	YES	50u" (1.27um) Au SPECIAL	SnPb	8
10123981-202LF	YES	50u" (1.27um) Au SPECIAL	LEAD FREE	4, 5 AND 8
10123981-292	YES	50u" (1.27um) GXT SPECIAL	SnPb	8
10123981-292LF	YES	50u" (1.27um) GXT SPECIAL	LEAD FREE	4, 5 AND 8
10123981-A02	YES	30u" (.76um) Au SPECIAL	SnPb	CUSTOMER SPECIAL
10123981-A02LF	YES	30u" (.76um) Au SPECIAL	LEAD FREE	CUSTOMER SPECIAL

NOTES:

① MATERIAL:
HOUSING: LCP-NATURAL
CONTACT: COPPER ALLOY

PLATING:
CONTACT: 15μ" (0.38μm) GXT OVER Ni UNDERPLATE
SOLDER BALL: LEAD FREE
95.5Sn/4Ag/0.5Cu

② SOLDER BALLS WILL NOT HAVE PERFECT SPHERICAL SHAPES
DUE TO REFLOW ATTACHMENT.

③ MATED HEIGHT EFFECTED BY CUSTOMER'S PCB PAD SIZE, PLATING,
SOLDER REFLOW PROFILE, & SOLDER PASTE.

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 CURRENT COMPANY LOGO TO BE VISIBLE IN
APPROXIMATE AREA SHOWN.

7. SEE PRODUCT SPEC GS-12-100 PER TEST AND
PERFORMANCE INFORMATION.

⑧ PLATING FOR INDICATED -2XX SERIES NUMBERS
MEET THE REQUIREMENTS OF GR-1217-CORE,
CENTRAL OFFICE ENVIROMENT, (25 YEARS LIFE
EXPECTANCY). THIS SERIES HAS SPECIAL
CONTACT GEOMETRY.

spec ref -		dr Dave Horchler		2013/01/22		projection	mm	size A3	scale 3:1	
tolerance std	TOLERANCES UNLESS OTHERWISE SPECIFIED			eng M Srinivasan	2013/07/15			ecn no ELX-V-15184-1		
ASME Y14.5 -				chr -	-					
		appr R Marshall		2013/07/15		product family MEG-ARRAY		rel level Released		
surface	linear	0.X	±0.3		title 0mm PLUG ASSEMBLY 10 x 32 = 320 POSITIONS			dwg no 10123981	rev B	
		0.XX	±0.13							
		0.XXX	±0.051							
ASME Y14.5	angular	0°	±0°	www.fci.com	cat. no.			Product - Customer Drw		sheet 5 of 5