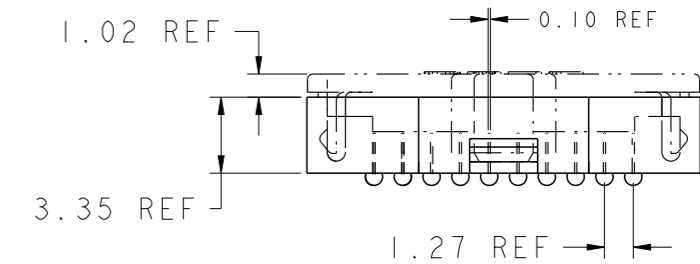
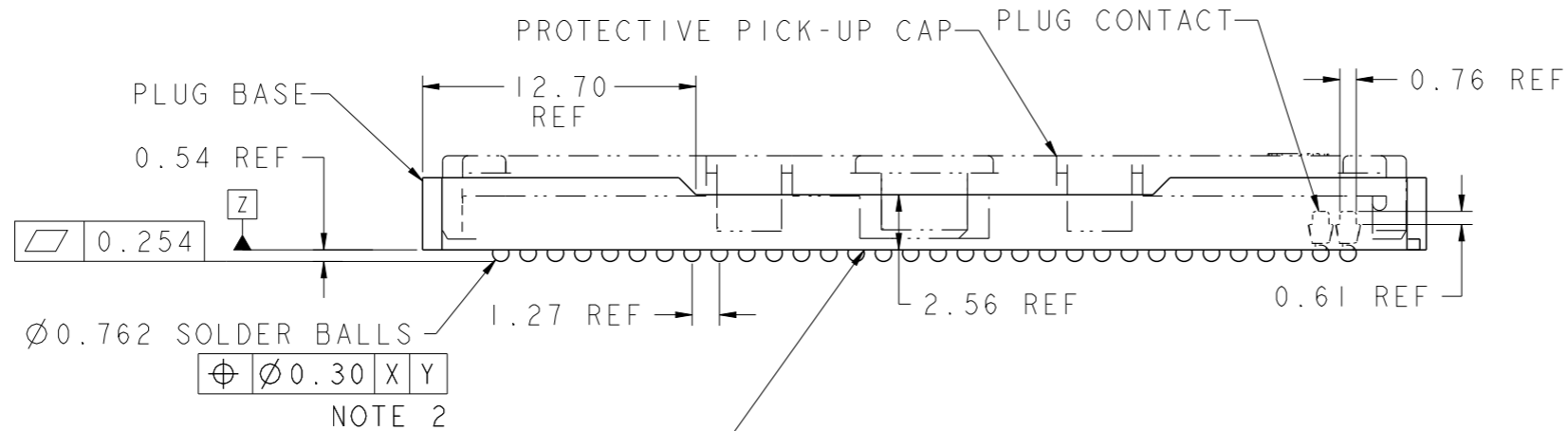
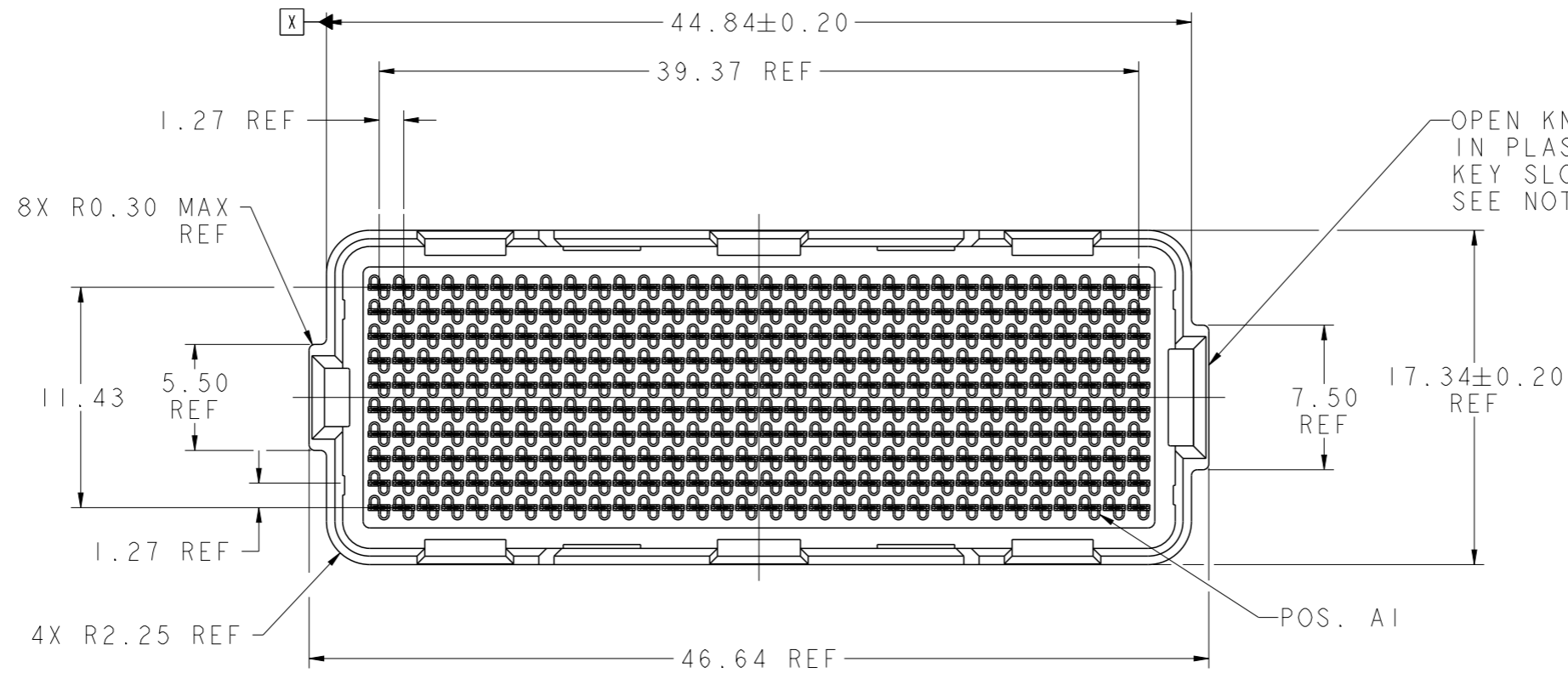


PRODUCT NUMBER

SEE SHEET 5



CONTINUOUS OPEN KNIT LINE CRACKS (TRAVERSING THE ENTIRE BODY LENGTH OF THE CONNECTOR) WHICH CAUSE CRITICAL-TO-FUNCTION DIMENSIONAL CHANGES THAT AFFECT THE CONNECTORS MECHANICAL ALIGNMENT FEATURES ARE NOT PERMISSIBLE. SEE NOTE 4.

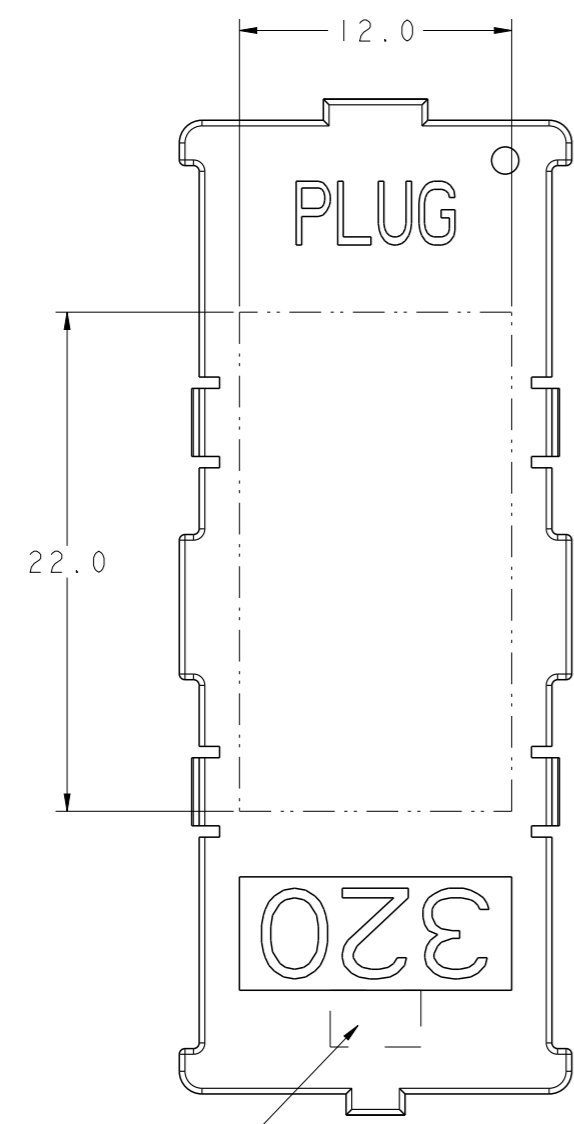
spec ref	-			dr	Dave Horchler	2013/01/22	projection	mm	size	A3	scale	3:1
tolerance std	ASME Y14.5			eng	M Srinivasan	2013/07/15			ecn no		ELX-V-15184-1	
TOLERANCES UNLESS OTHERWISE SPECIFIED			chr	-	-	product family			MEG-ARRAY	rel level		Released
surface		linear	0.X	±0.3		0mm PLUG ASSEMBLY 10 x 32 =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



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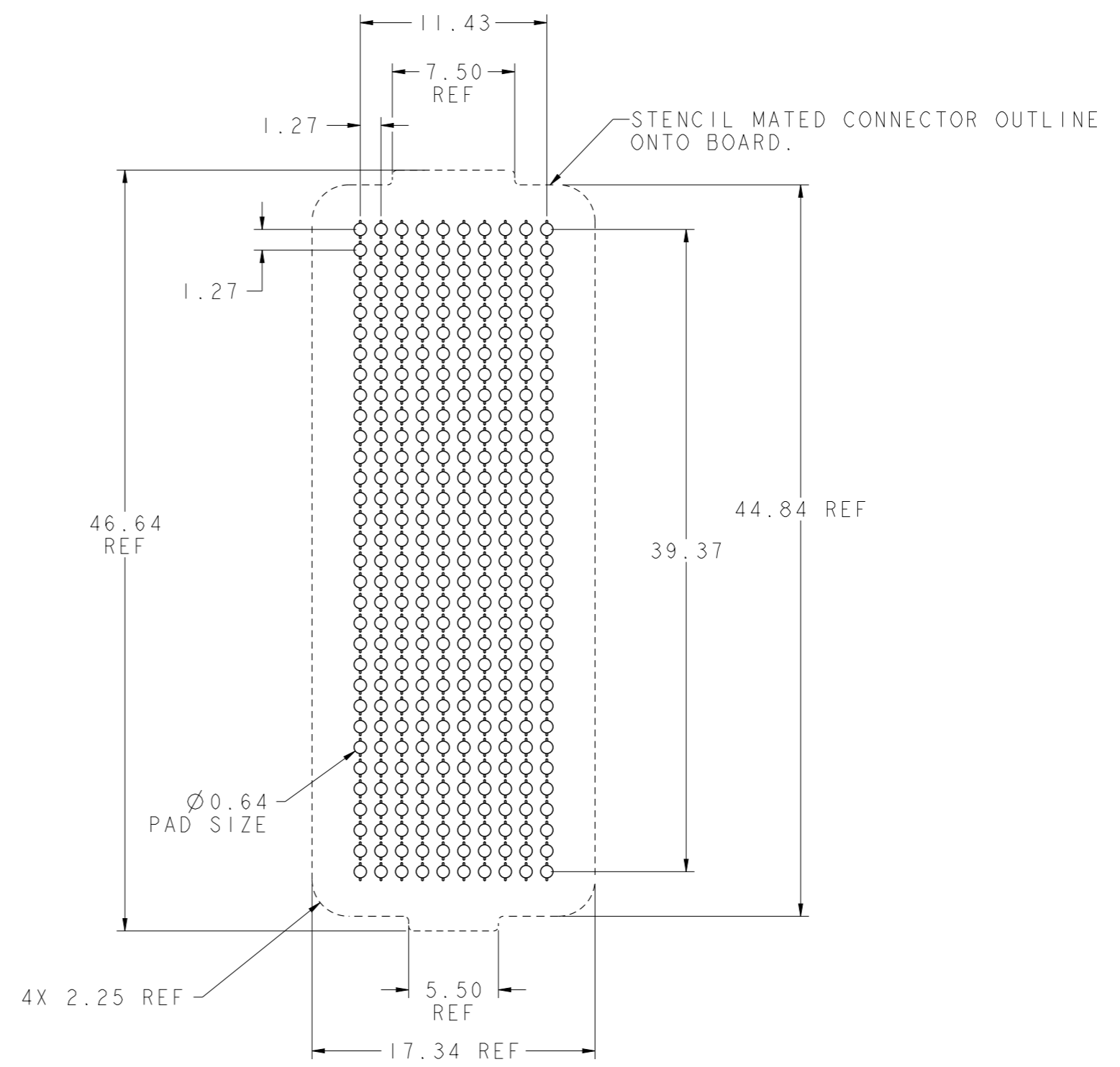
PRODUCT NUMBER

SEE SHEET 5



NOTE 6

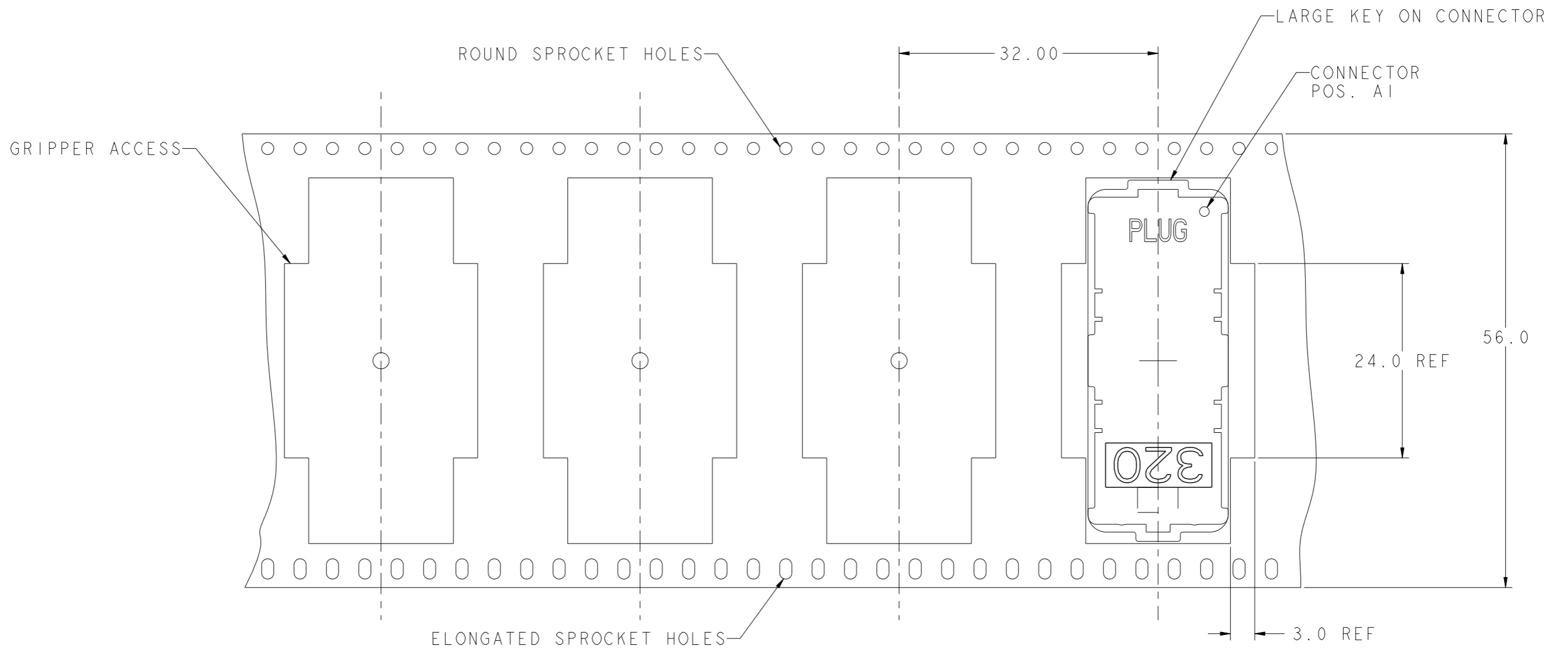
FLAT AREA FOR PICK-UP CAP



BOARD PATTERN

spec ref	-	dr	Dave Horchler	2013/01/22	projection	mm	size	A3	scale	3:1
tolerance std	ASME Y14.5	eng	M Srinivasan	2013/07/15			ecn no	ELX-V-15184-1	rel level	Released
TOLERANCES UNLESS OTHERWISE SPECIFIED		chr	-	-						
surface	✓	appr	R Marshall	2013/07/15			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 2 of 5			

PRODUCT NUMBER
SEE SHEET 5



DIE - REEL DIRECTION



TAPE & REEL PACKAGING
PER EIA 481 - 3
SCALE NONE

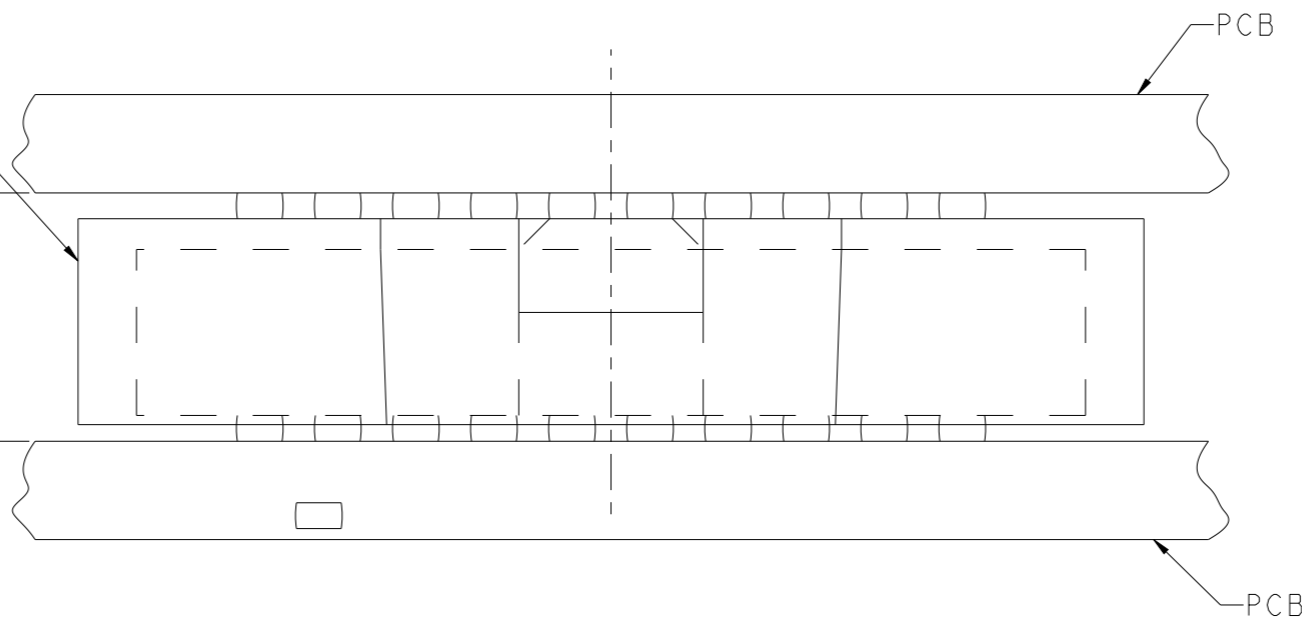
spec ref -		dr	Dave Horchler	2013/01/22	projection	mm	size	A3	scale	3:1
tolerance std ASME Y14.5		TOLERANCES UNLESS OTHERWISE SPECIFIED			eng	M Srinivasan	2013/07/15	ecn no	ELX-V-15184-1	
		chr	-		appr	R Marshall	2013/07/15	product family	MEG-ARRAY	
					rel level		Released			
surface	✓	linear	0.X	±0.3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



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

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



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- Оперативные поставки широкого спектра электронных компонентов отечественного и импортного производства напрямую от производителей и с крупнейших мировых складов;
- Поставка более 17-ти миллионов наименований электронных компонентов;
- Поставка сложных, дефицитных, либо снятых с производства позиций;
- Оперативные сроки поставки под заказ (от 5 рабочих дней);
- Экспресс доставка в любую точку России;
- Техническая поддержка проекта, помощь в подборе аналогов, поставка прототипов;
- Система менеджмента качества сертифицирована по Международному стандарту ISO 9001;
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- Подбор оптимального решения, техническое обоснование при выборе компонента;
- Подбор аналогов;
- Консультации по применению компонента;
- Поставка образцов и прототипов;
- Техническая поддержка проекта;
- Защита от снятия компонента с производства.



Как с нами связаться

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