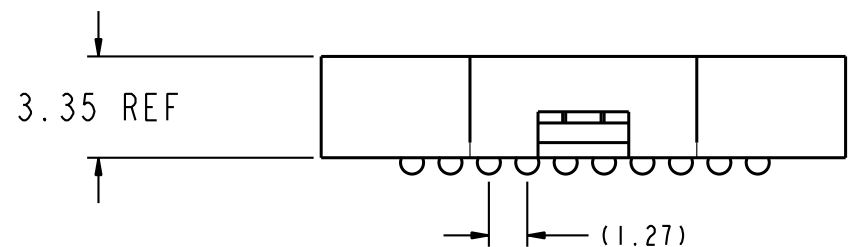
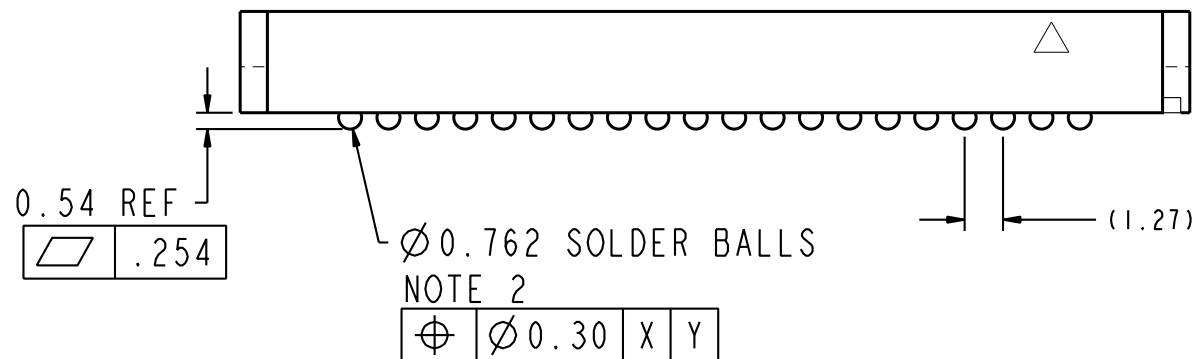
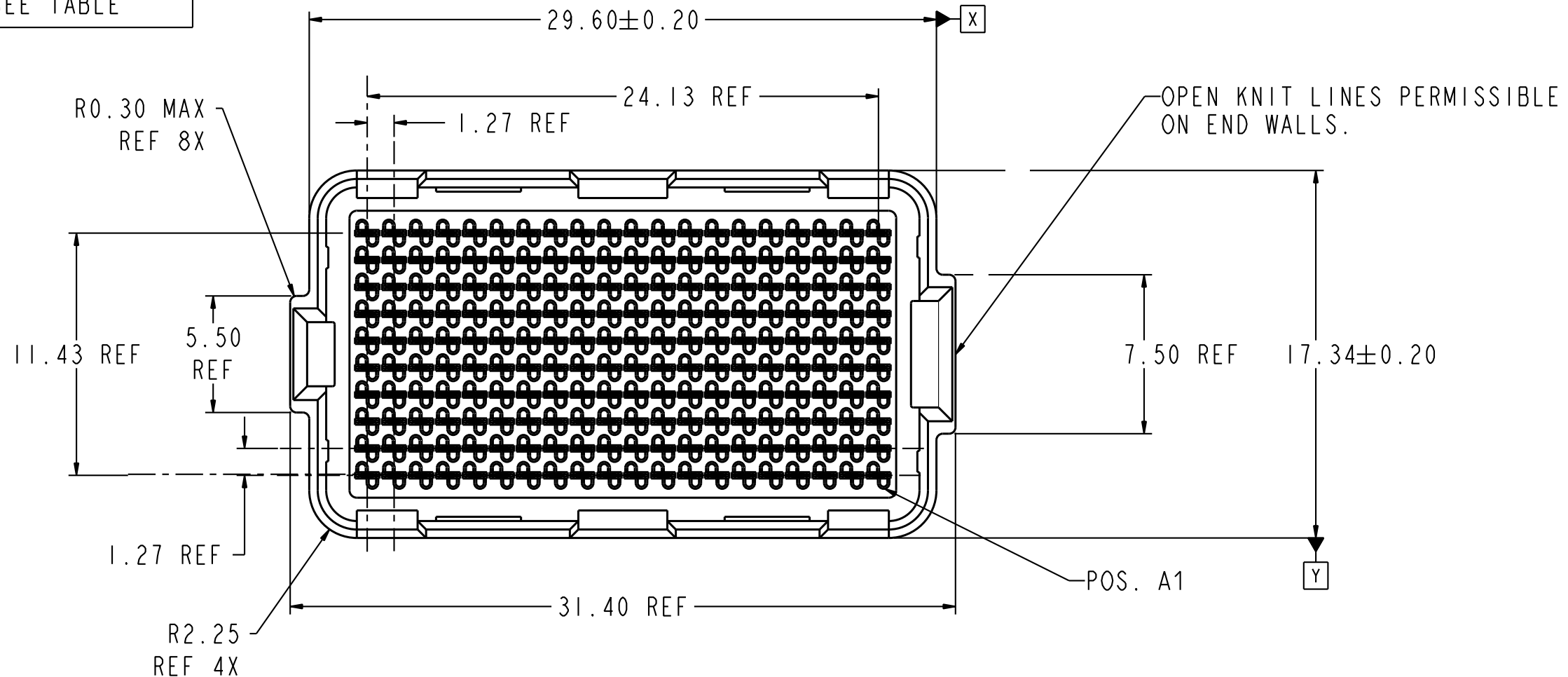


PRODUCT NUMBER

SEE TABLE



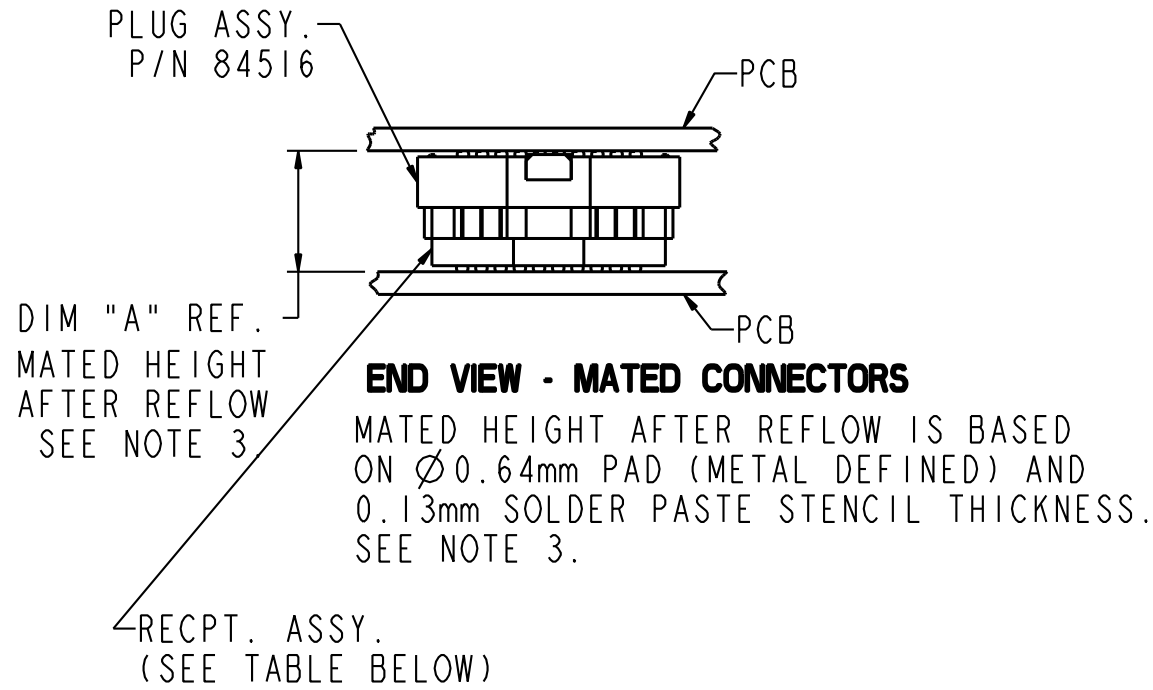
Amphenol
FCi

© 2016 AFCI

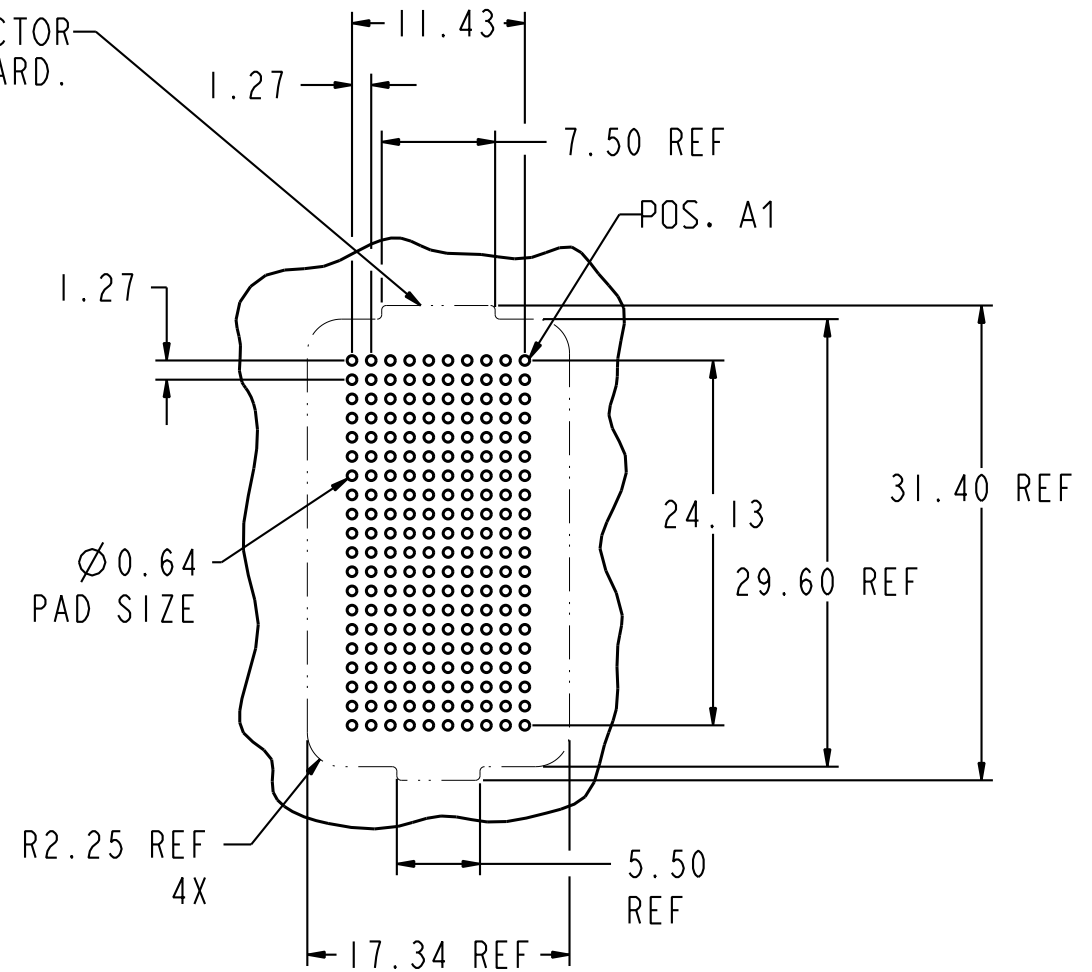
spec ref	-	dr	wcadmin, wcadm	2001/11/17	projection	mm	size	A3	scale	4:1						
tolerance std	ASME Y14.5	eng	Robert Brown	2019/01/08			ecn no	ELX-V-32329-1								
	TOLERANCES UNLESS OTHERWISE SPECIFIED	chr	-	-				rel level	Released							
surface		appr	Joshua Garman	2019/01/09	product family	MEG-ARRAY		dwg no 84516	rev J	sheet 1 of 5						
ASME Y14.5	<table border="1"> <tr> <td>linear</td> <td>0.X</td> <td>±0.3</td> </tr> <tr> <td></td> <td>0.XX</td> <td>±0.10</td> </tr> <tr> <td></td> <td>0.XXX</td> <td>±0.050</td> </tr> <tr> <td>angular</td> <td>0°</td> <td>±2°</td> </tr> </table>	linear	0.X	±0.3		0.XX	±0.10					0.XXX	±0.050	angular	0°	±2°
linear	0.X	±0.3														
	0.XX	±0.10														
	0.XXX	±0.050														
angular	0°	±2°														

PRODUCT NUMBER

SEE TABLE



STENCIL MATED CONNECTOR
OUTLINE ONTO BOARD.



BOARD PATTERN

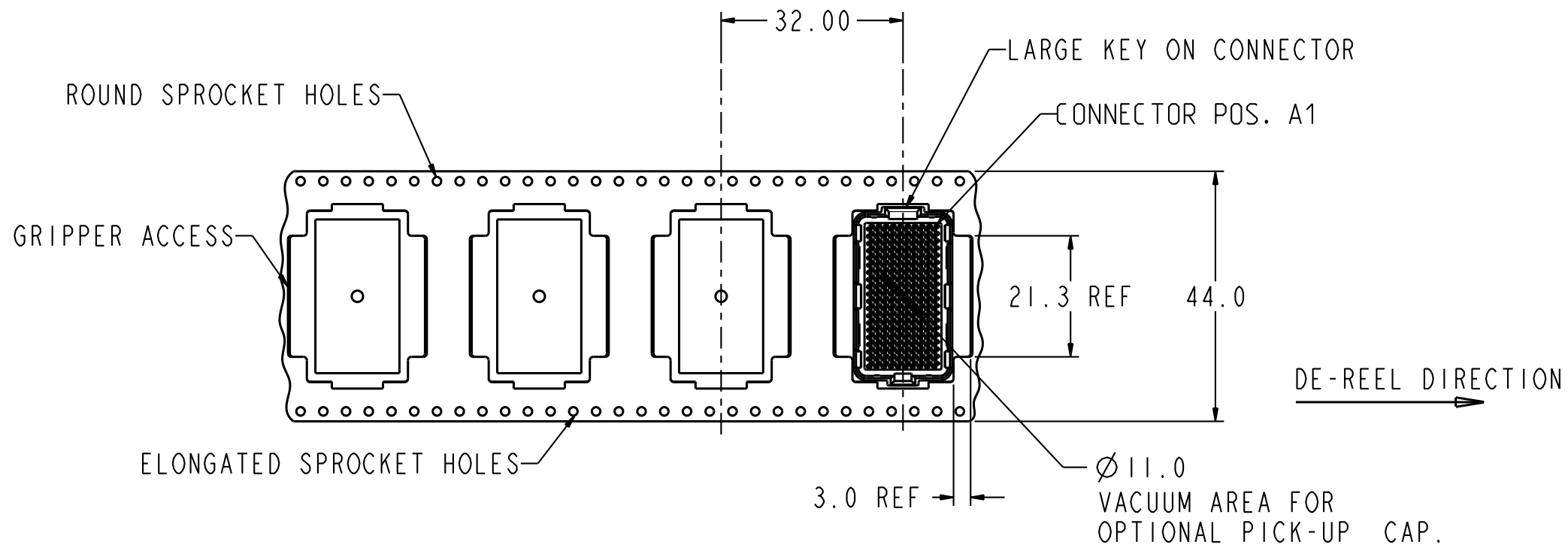
MATED HEIGHT TABLE

DIM "A"	RECPT. ASSY. P/N	-2XX PLATING
4.0	84517	SEE NOTE 4
6.0	55724	SEE NOTE 5
8.0	84535	SEE NOTE 5

spec ref	-	dr	wcadmin, wcadm	2001/11/17	projection	mm	size	A3	scale	10:1
tolerance std	ASME Y14.5	eng	Robert Brown	2019/01/08			ecn no	ELX-V-32329-1		
		chr	-	-			rel level	Released		
surface		appr	Joshua Garman	2019/01/09	product family	MEG-ARRAY		rel level	Released	
ASME Y14.5		linear	0.X	±0.3	Amphenol FCI www.fci.com	0mm PLUG ASSEMBLY		dwg no 84516	rev	
		0.XX	±0.10	10 x 20 = 200 POSITIONS						
	angular	0°	±2°	cat. no.		Product - Customer Drw		sheet 2 of 5		

PRODUCT NUMBER

SEE TABLE



TAPE & REEL PACKAGING

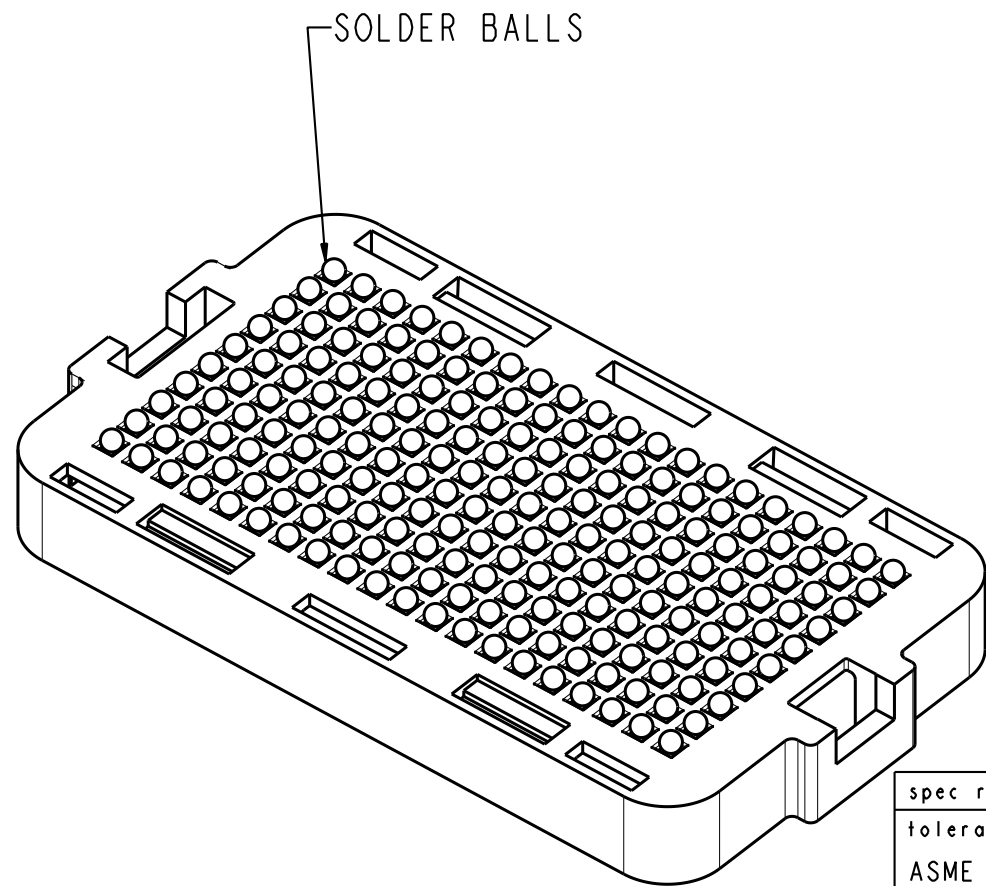
PER EIA 481-3

spec ref -		dr	wcadmin, wcadm	2001/11/17	projection	mm	size	A3	scale	1:1			
tolerance std	ASME Y14.5	TOLERANCES UNLESS OTHERWISE SPECIFIED			eng	Robert Brown	2019/01/08	ecn no	ELX-V-32329-1				
		chr				appr	Joshua Garman	2019/01/09	product family	MEG-ARRAY			
surface	ASME Y14.5	linear	0.X	±0.3	Amphenol FCi	title		0mm PLUG ASSEMBLY		dwg no	84516	rev	J
			0.XX	±0.10		10 x 20 = 200 POSITIONS							
		angular	0°	±2°		cat. no.	Product - Customer Drw		sheet 3 of 5				

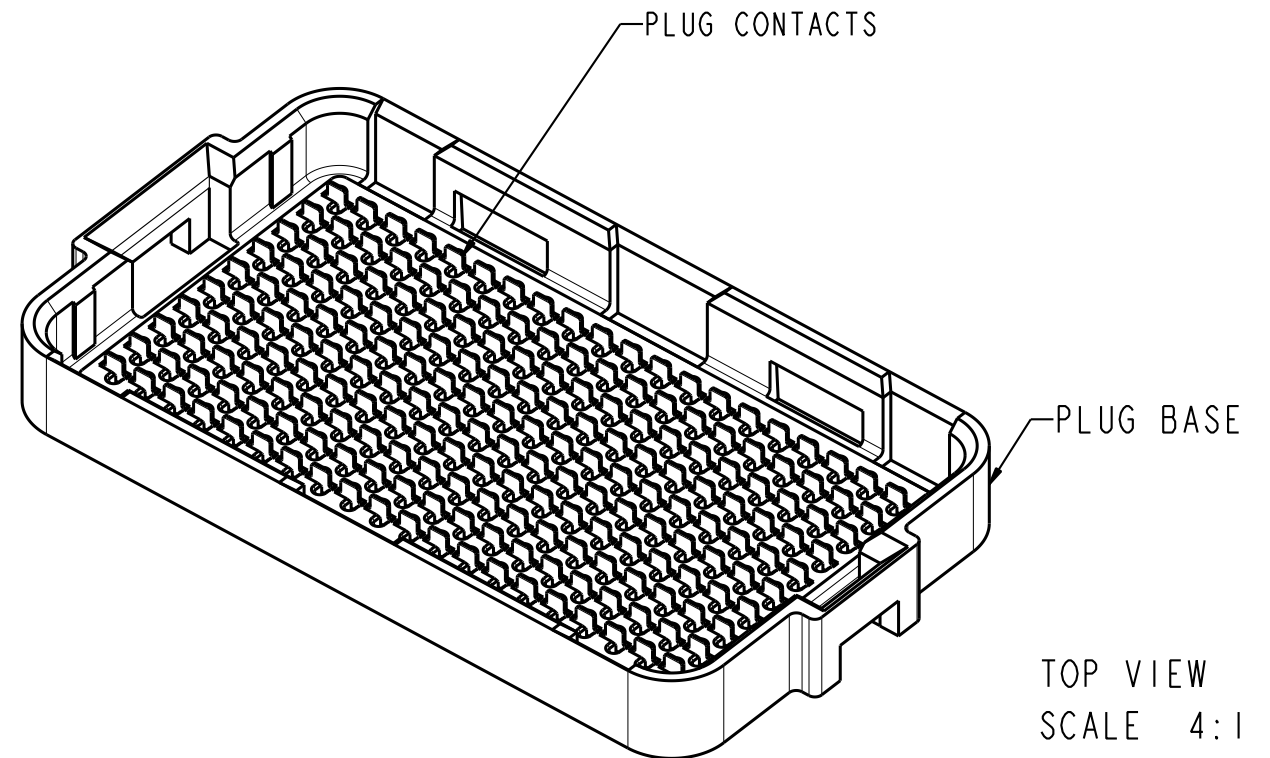
Amphenol
FCi

© 2016 AFCI

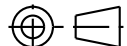

PRODUCT NUMBER	PICK-UP CAP (NATURAL OR BLACK COLOR)	CONTACT PLATING AND THICKNESS	SOLDER BALL 	NOTES 
84516-002	YES	15μ" / (.38μm) Au	SnPb	
84516-002LF	YES	15μ" / (.38μm) Au	LEAD FREE	7
84516-092	YES	15μ" / (.38μm) GXT	SnPb	
84516-092LF	YES	15μ" / (.38μm) GXT	LEAD FREE	7
84516-102	YES	30μ" / (.76μm) Au	SnPb	
84516-102LF	YES	30μ" / (.76μm) Au	LEAD FREE	7
84516-192	YES	30μ" / (.76μm) GXT	SnPb	7
84516-192LF	YES	30μ" / (.76μm) GXT	LEAD FREE	7
84516-202	YES	50μ" / (1.27μm) Au SPECIAL	SnPb	
84516-202LF	YES	50μ" / (1.27μm) Au SPECIAL	LEAD FREE	4, 5, 7
84516-292	YES	50μ" / (1.27μm) GXT SPECIAL	SnPb	
84516-292LF	YES	50μ" / (1.27μm) GXT SPECIAL	LEAD FREE	7
84516-A02	YES	30μ" / (.76μm) SPECIAL	SnPb	8
84516-A02LF	YES	30μ" / (.76μm) SPECIAL	LEAD FREE	7 AND 8



BOTTOM VIEW
SCALE 4:1



TOP VIEW
SCALE 4:1

spec ref	-	dr	wcadmin, wcadm	2001/11/17	projection		mm	size	A3	scale	1:1
tolerance std	ASME Y14.5	eng	Robert Brown	2019/01/08	chr	-		ecn no	ELX-V-32329-1	rel level	Released
TOLERANCES UNLESS OTHERWISE SPECIFIED		appr	Joshua Garman	2019/01/09	product family	MEG-ARRAY		rel level	Released		
surface		linear	0.X	±0.3	Amphenol FCi	0mm PLUG ASSEMBLY 10 x 20 = 200 POSITIONS		dwg no	84516		rev
		0.XX	±0.10								
		0.XXX	±0.050								
ASME Y14.5	angular	0°	±2°		www.fci.com	cat. no.	Product - Customer Drw		sheet 4 of 5		

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 MEET REQUIREMENTS OF
TELCORDIA GR-1217-CORE: CENTRAL OFFICE ENVIRONMENT.

6. FOR PROPER APPLICATION FOLLOW FCI APPLICATION SPECIFICATION
GS-20-033. LEAD FREE SOLDER BALLS WILL NOT SOLDER PROPERLY
IN A LEADED SOLDER PROSESS DUE TO A HIGHER REFLOW TEMPERATURE
LEAD FREE PRODUCT IS THEREFORE NOT BACKWARDS COMPATIBLE WITH
LEADED OR SOME SOLDERING APPLICATIONS. REFERENCE FCI
APPLICATION SPECIFICATION.

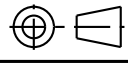


7. THIS PRODUCT MEETS EUROPEAN UNION DIRECTIVE AND OTHER
COUNTRY REGULATIONS AS DESCRIBED IN GS-47-0004. PRODUCT
MEETING THIS DIRECTIVE IS IDENTIFIED IN THE LOT CODE
NUMBER MARKED ON EACH PART BY HAVING AN "X" IN THE SEVENTH
CHARACTER POSITION.

8. 84516-A02 AND -A02LF PLATING IS CUSTOMER SPECIAL.

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

Amphenol
FCi

© 2016 AFCi

spec ref	-			dr	wcadmin, wcadm	2001/11/17	projection	mm	size	A3	scale	2:1
tolerance std	ASME Y14.5			eng	Robert Brown	2019/01/08			ec n no		ELX-V-32329-1	
	TOLERANCES UNLESS OTHERWISE SPECIFIED			chr	-	product family			MEG-ARRAY	rel level		Released
surface		linear	0.X	±0.3	Amphenol FCi	0mm PLUG ASSEMBLY	10 x 20 = 200 POSITIONS	dwg no	84516	rev	J	
			0.XX	±0.10								
ASME Y14.5		angular	0°	±2°	www.fci.com	cat. no.	Product - Customer Drw		sheet 5 of 5			