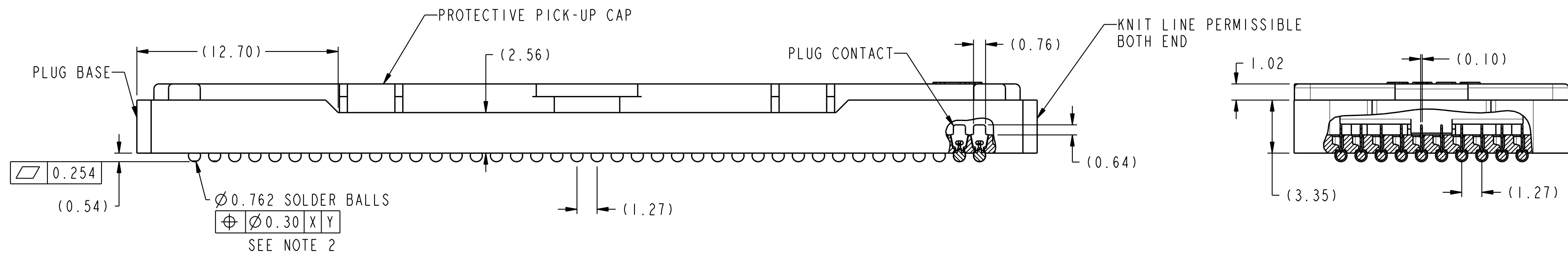
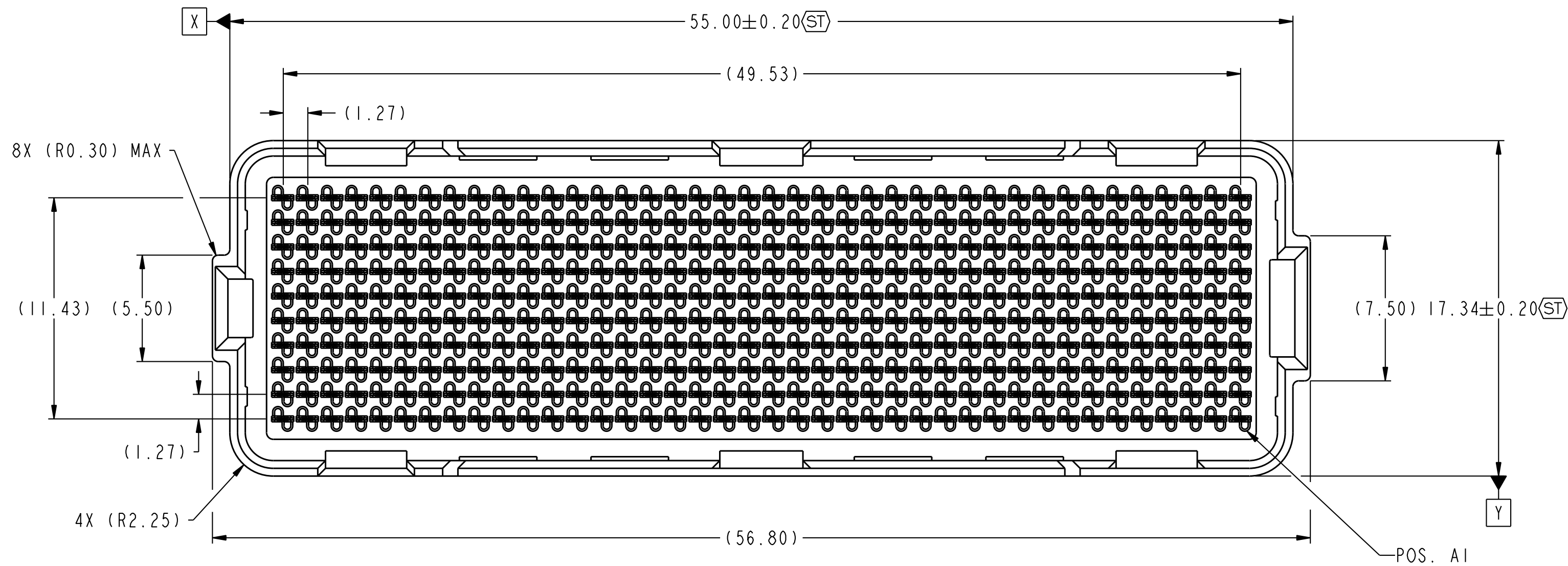
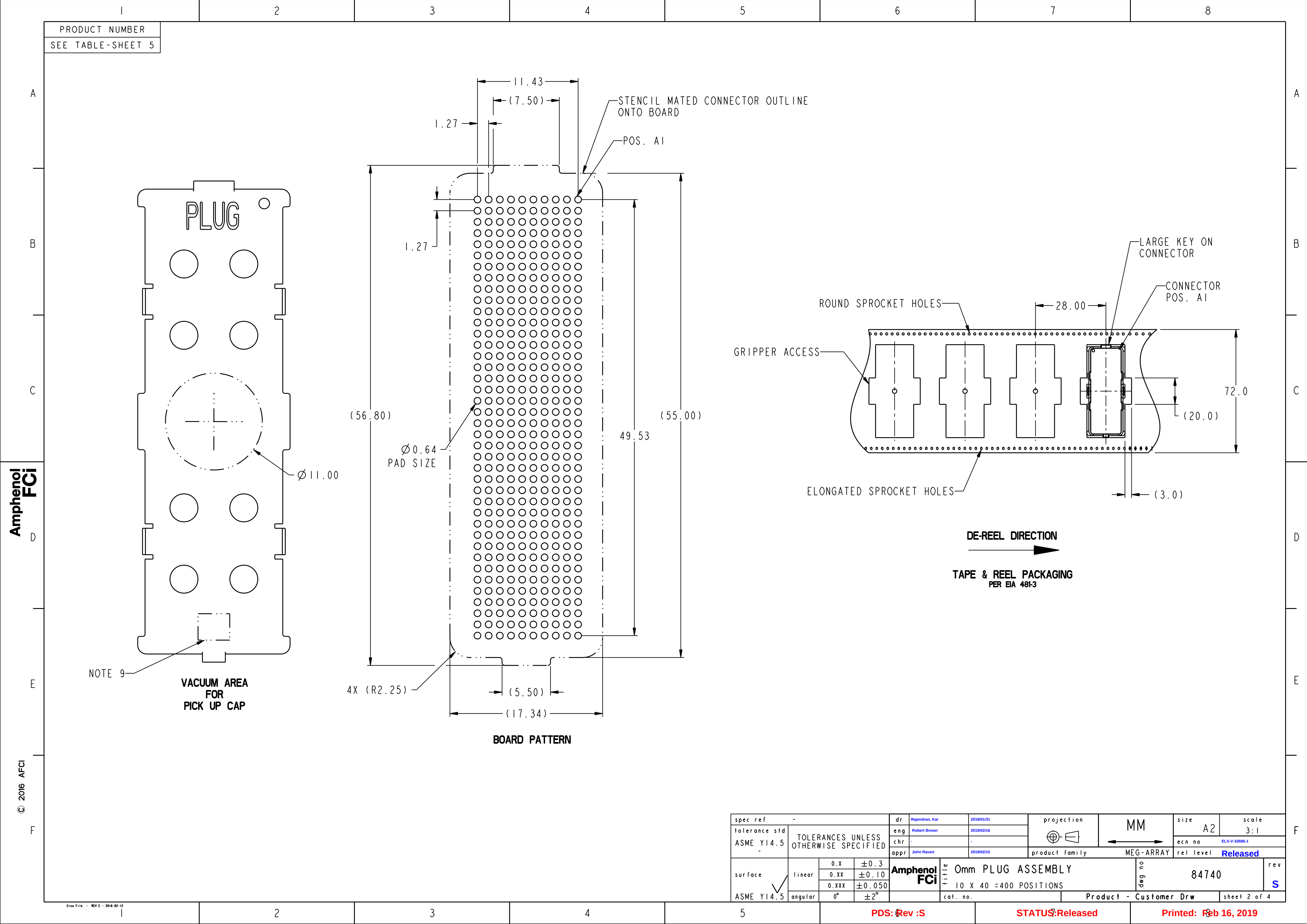


PRODUCT NUMBER
SEE TABLE-SHEET 5



spec ref	-	dr	Rajendran, Kar	2018/01/31	projection	MM	size	A2	scale	1:1
tolerance std	ASME Y14.5	eng	Robert Brown	2019/02/16	chr	-	ecn no	ELX-V-32686-1	rel level	Released
surface	ASME Y14.5	appr	John Ravert	2019/02/15	product family	MEG-ARRAY	cat. no	84740	rev	S
TOLERANCES UNLESS OTHERWISE SPECIFIED		Amphenol FCI		Omm PLUG ASSEMBLY		10 X 40 = 400 POSITIONS		Product - Customer Drw		sheet 1 of 4
linear		0.X	±0.3	angular		0°	±2°	PDS: Rev :S		STATUS:Released
0.XX		±0.10	0.XXX		±0.050	Printed: Feb 16, 2019				



Amphenol
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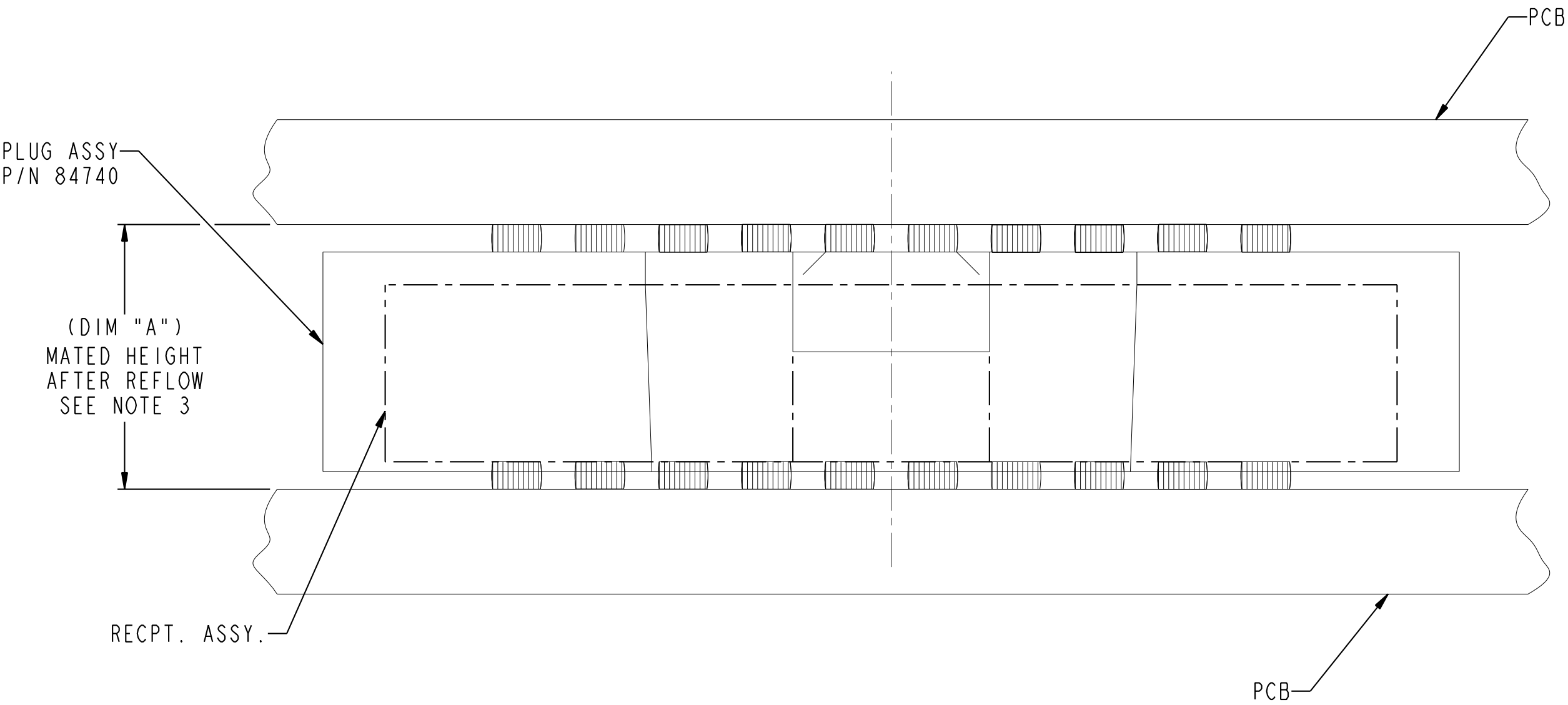
spec ref -				dr Rajendran, Kar		2018/01/31		projection		MM		size A2		scale 3:1			
tolerance std		TOLERANCES UNLESS OTHERWISE SPECIFIED		eng Robert Brown		2019/02/16						ecn no ELX-V-32686-1					
ASME Y14.5				chr -													
				appr John Ravert		2019/02/15											
								product family MEG-ARRAY				rel level Released					
surface 		linear		0.X ±0.3		Amphenol FCI		title Omm PLUG ASSEMBLY		dwg no 84740		rev S					
																0.XX ±0.10	
																0.XXX ±0.050	
		ASME Y14.5		angular 0° ±2°				cat. no.		Product - Customer Drw				sheet 2 of 4			
								10 X 40 = 400 POSITIONS									

PDS: Rev :S

STATUS:Released

Printed: Feb 16, 2019

PRODUCT NUMBER
SEE TABLE-SHEET 5



MATED HEIGHT TABLE	
DIM. A	RECPT. ASSY. P/N
4.0	74221
6.0	74388
8.0	74390

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

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spec ref -		dr Rajendran, Kar	2018/01/31	projection MM ↔	size A2	scale 1:1
tolerance std ASME Y14.5	TOLERANCES UNLESS OTHERWISE SPECIFIED	eng Robert Brown	2019/02/16		ecn no ELX-V-32686-1	
		chr -	-		rel level Released	
surface	linear	0.X ±0.3	0.XX ±0.10	Amphenol FCI title 0mm PLUG ASSEMBLY		diag no 84740
ASME Y14.5	angular	0° ±2°		10 X 40 = 400 POSITIONS		rev S
		cat. no.		Product - Customer Drw		sheet 3 of 4

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PRODUCT NUMBER	PIC-UP CAP	CONTACT PLATING, SEE NOTE 10	SOLDER BALLS	NOTES
84740-002	YES	15μ" (0.38μm) Au	SnPb	-
84740-002LF	YES	15μ" (0.38μm) Au	SnAgCu LEAD FREE	7
84740-092	YES	15μ" (0.38μm) GXT	SnPb	-
84740-092LF	YES	15μ" (0.38μm) GXT	SnAgCu LEAD FREE	7
84740-102	YES	30μ" (0.76μm) Au	SnPb	-
84740-102LF	YES	30μ" (0.76μm) Au	SnAgCu LEAD FREE	7
84740-192	YES	30μ" (0.76μm) GXT	SnPb	-
84740-192LF	YES	30μ" (0.76μm) GXT	SnAgCu LEAD FREE	7
84740-202	YES	Au SPECIAL	SnPb	4
84740-202LF	YES	Au SPECIAL	SnAgCu LEAD FREE	4 AND 7
84740-292	YES	GXT SPECIAL	SnPb	4
84740-292LF	YES	GXT SPECIAL	SnAgCu LEAD FREE	4 AND 7
84740-A02	YES	SPECIAL	SnPb	8
84740-A02LF	YES	SPECIAL	SnAgCu LEAD FREE	7 AND 8

NOTES:

1.

MATERIAL:
HOUSING: LCP, COLOR IS WHITE
PICK-UP CAP: LCP, COLOR IS BLACK
CONTACT: COPPER ALLOY

PLATING:
CONTACT: (SEE TABLE AND OTHER NOTES)
SOLDER BALL: (SEE TABLE), EITHER
EUTECTIC SnPb OR LEAD FREE OR 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 PART NOS. IS Au
OVER Ni WITH SPECIAL CONTACT GEOMETRY TO MEET
REQUIREMENTS OF TELCORDIA GR-1217-CORE: CENTRAL
OFFICE ENVIRONMENT (25 LIFE EXPECTANCY).
5.

-302, -302LF, -402, -402LF, -502, -502LF ARE OBSOLETE
AND REMOVED FROM THE PRODUCT NUMBER TABLE.
6.

FOR PROPER APPLICATION FOLLOW AFCI 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 WITH
LEADED OR SOME SOLDERING APPLICATIONS.
7.

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.
8.

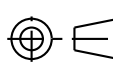
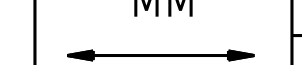
84740-A02, -A02LF ARE CUSTOMER SPECIALS.
9.

CURRENT COMPANY LOGO TO BE VISIBLE IN APPROXIMATE AREA SHOWN.
10.

FOR PURPOSES OF MAXIMIZING MANUFACTURING UTILIZATION,
PLATED TERMINALS WITH HIGHER PLATING THICKNESS THAN
THE REQUIRED AMOUNT, MAY BE SUBSTITUTED FOR TERMINALS WITH
THE REQUIRED PLATING.
11.

PLUG TERMINAL MAY OR MAYNOT INCLUDE ANTI-WICKING SLOT
FEATURE THAT IS TYPICALLY ASSOCIATED WITH HIGHER
PLATING THICKNESS OPTIONS.
12.

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

spec ref -				dr Rajendran, Kar		2018/01/31		projection 	MM 	size A2		scale 1:1	
tolerance std ASME Y14.5				eng Robert Brown		2019/02/16				ecn no ELX-V-32686-1			
TOLERANCES UNLESS OTHERWISE SPECIFIED				chr -		-				rel level Released			
				appr John Ravert		2019/02/15		product family MEG-ARRAY					
surface  ASME Y14.5		linear	0.X	±0.3	Amphenol FCI	title Omm PLUG ASSEMBLY 10 X 40 =400 POSITIONS						diag no 84740	rev S
			0.XX	±0.10									
			0.XXX	±0.050									
		angular	0°	±2°		cat. no.		Product - Customer Drw					