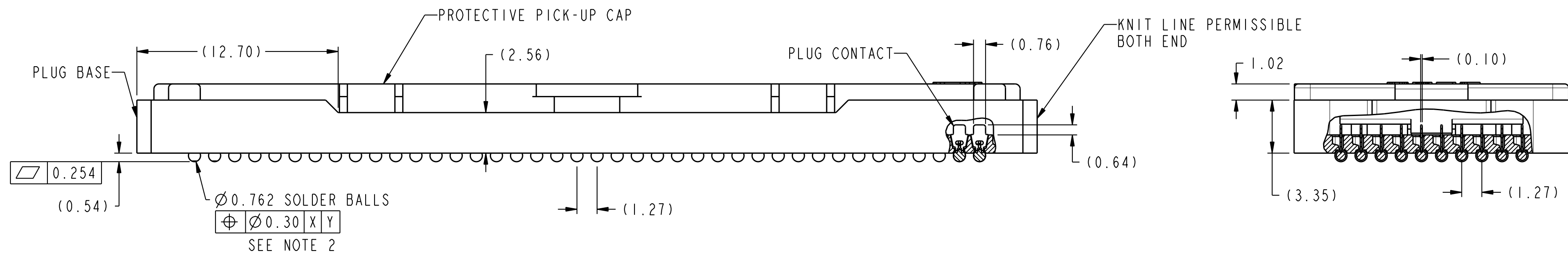
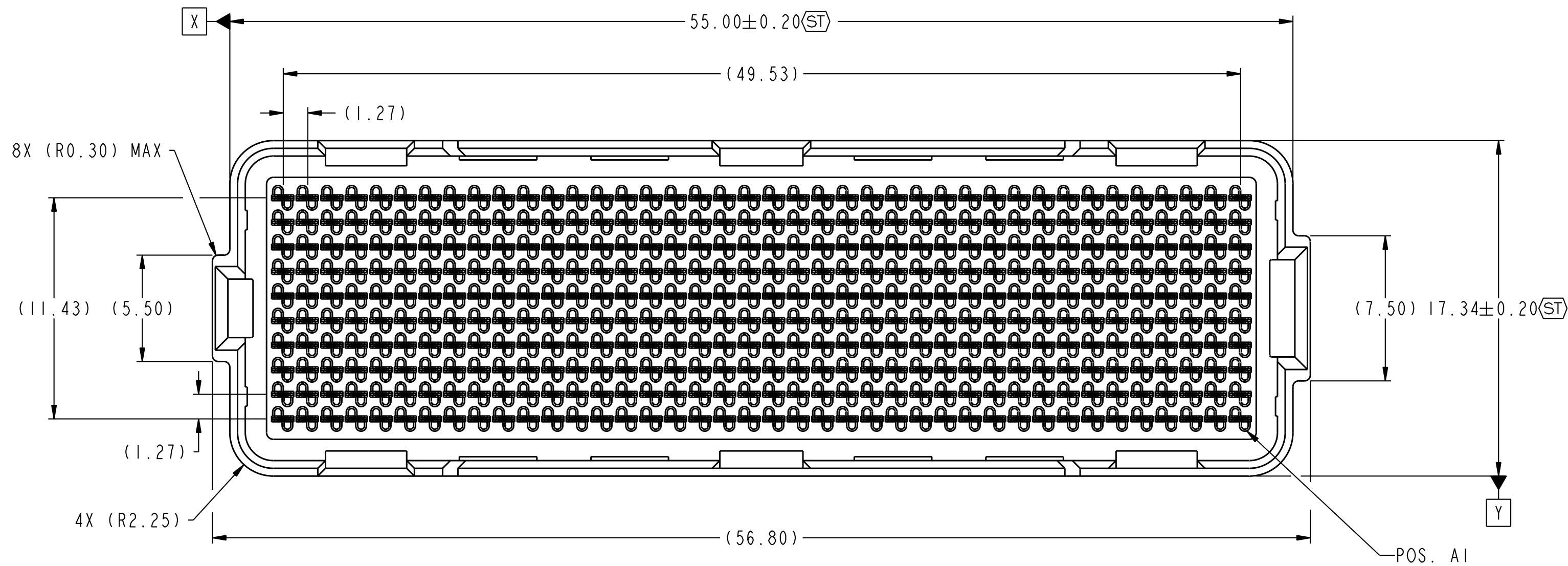
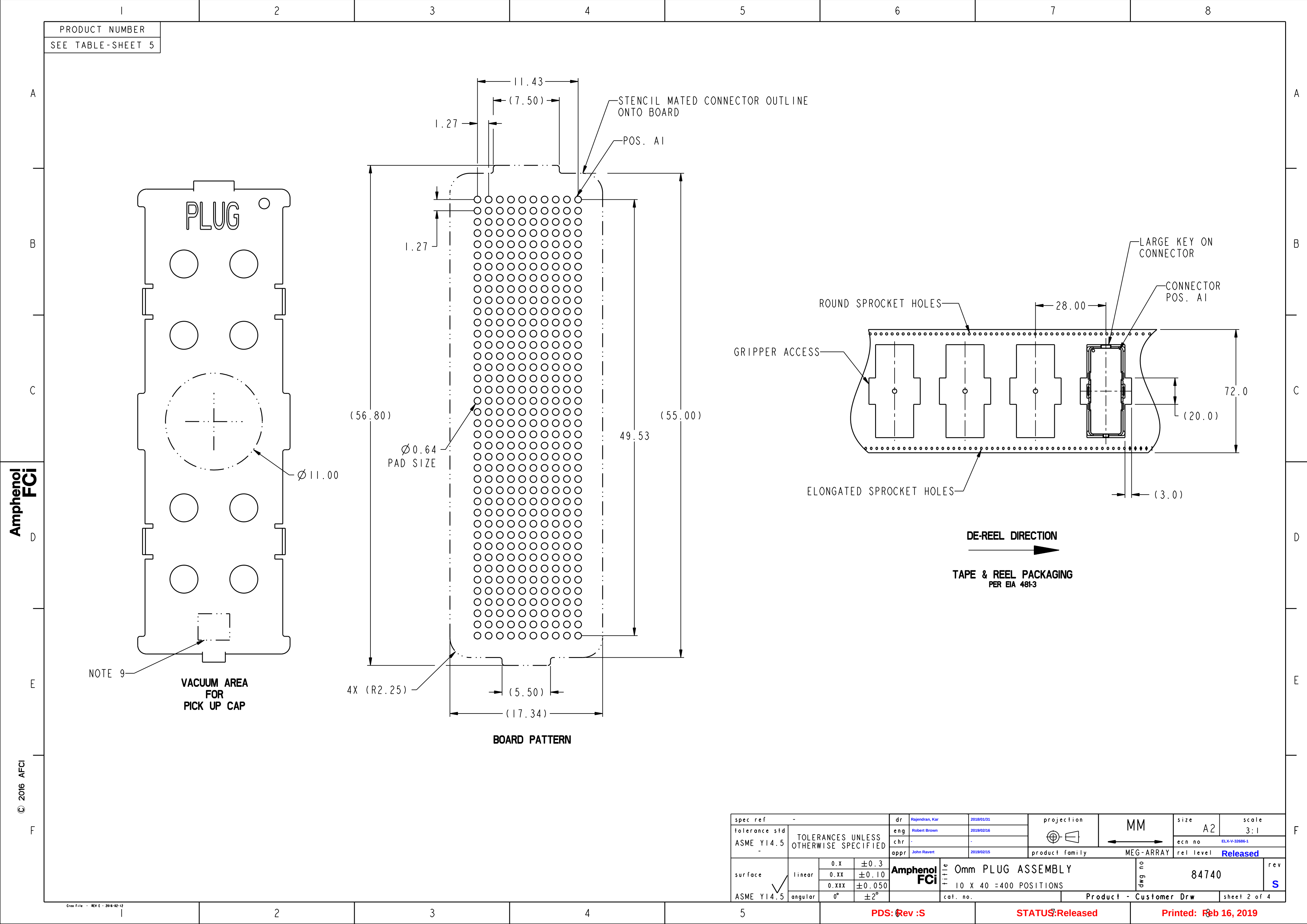


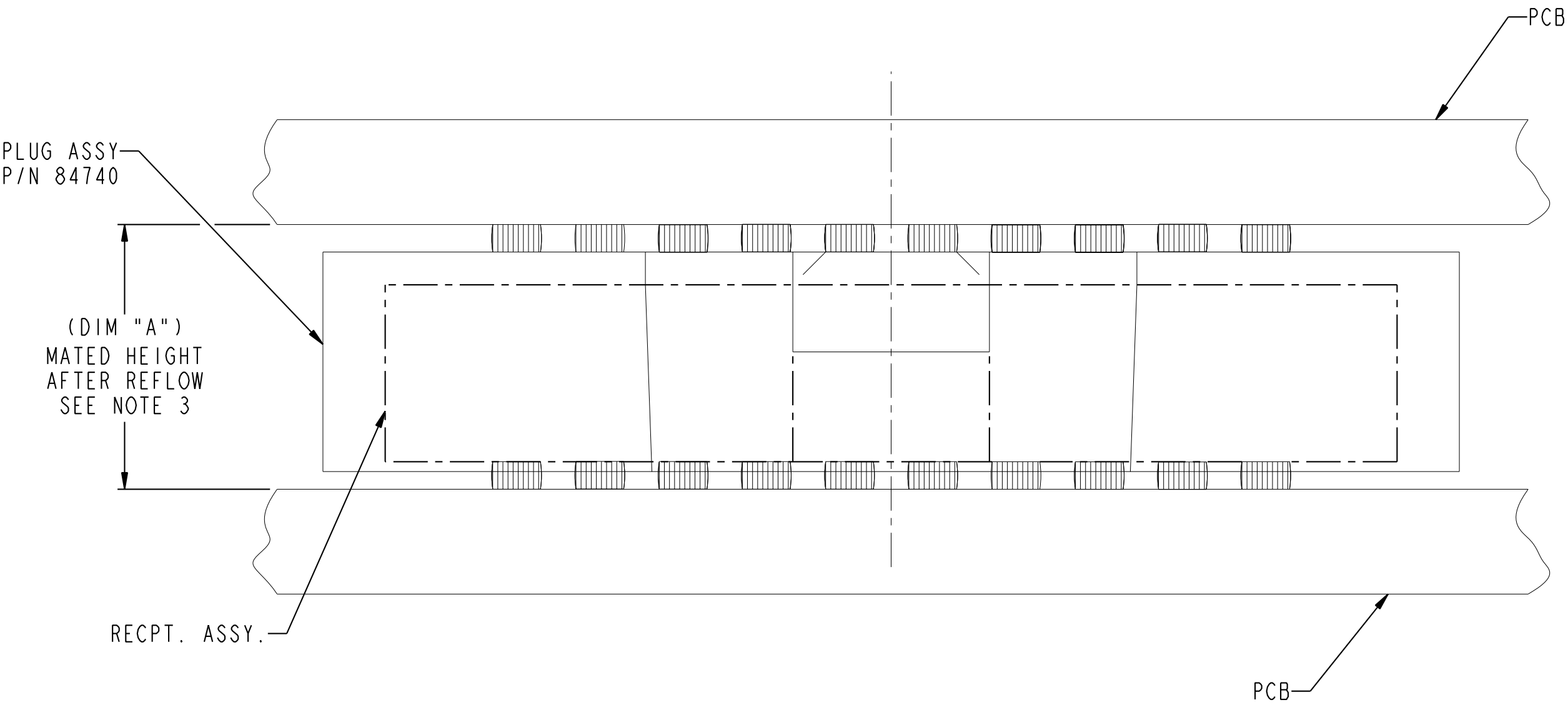
PRODUCT NUMBER
SEE TABLE-SHEET 5



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



PRODUCT NUMBER
SEE TABLE-SHEET 5



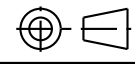
MATED HEIGHT TABLE	
DIM. A	RECPT. ASSY. P/N
4.0	74221
6.0	74388
8.0	74390

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	TOLERANCES UNLESS OTHERWISE SPECIFIED			eng	Robert Brown	2019/02/16			ecn no	ELX-V-32686-1				
ASME Y14.5				chr	-	-			rel level	Released				
				appr	John Ravert	2019/02/15	product family			MEG-ARRAY				
surface 	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											
	ASME Y14.5	angular	0°		±2°	cat. no.		Product - Customer Drw				sheet 3 of 4		

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A

D

E

F

1		2	3	4	5	6	7	8
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.

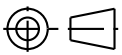
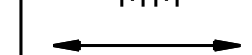
84740-A02, -A02LF ARE CUSTOMER SPECIALS.
9.

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			size	A2	scale	1:1						
tolerance std				eng	Robert Brown	2019/02/16			ecn no				ELX-V-32686-1					
ASME Y14.5				chr	-	-			rel level				Released					
-				appr	John Ravert	2019/02/15	product family				MEG-ARRAY							
		linear	0.X	±0.3		title				Omm PLUG ASSEMBLY				diag no	84740	rev	S	
			0.XX	±0.10														
			0.XXX	±0.050														
ASME Y14.5		angular	0°	±2°			cat. no.				Product - Customer Drw						sheet 4 of 4	

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

[Amphenol:](#)

[84740-292LF](#) [84740-092](#) [84740-292](#) [84740-192](#) [84740-103LF](#)