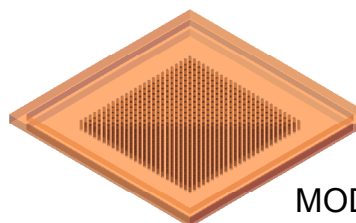
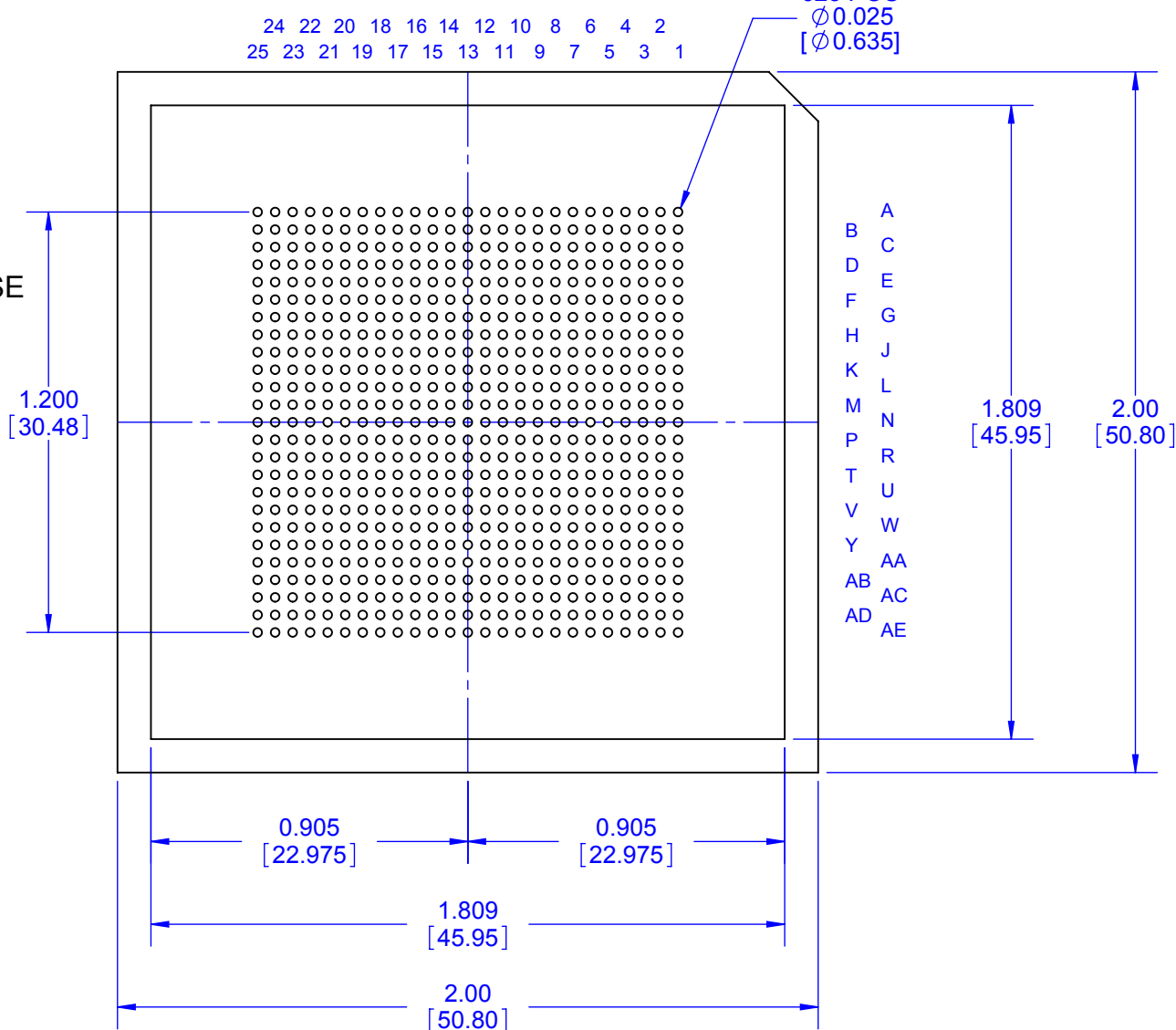
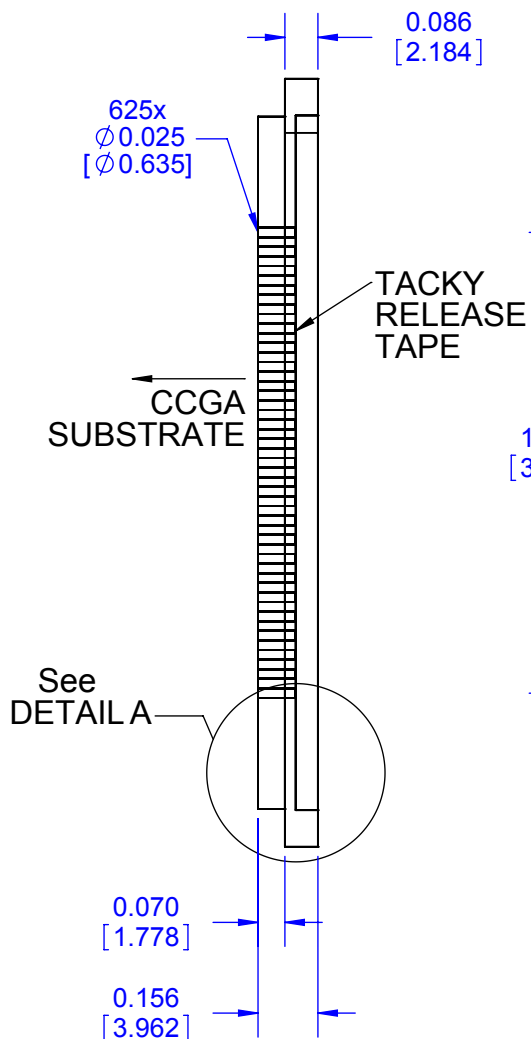


SIDE

TOP VIEW



MODEL

NOTES:
1. DIMENSIONS INCHES [MM].
2. SHOWN WITH MAXIMUM ARRAY.

TopLine®

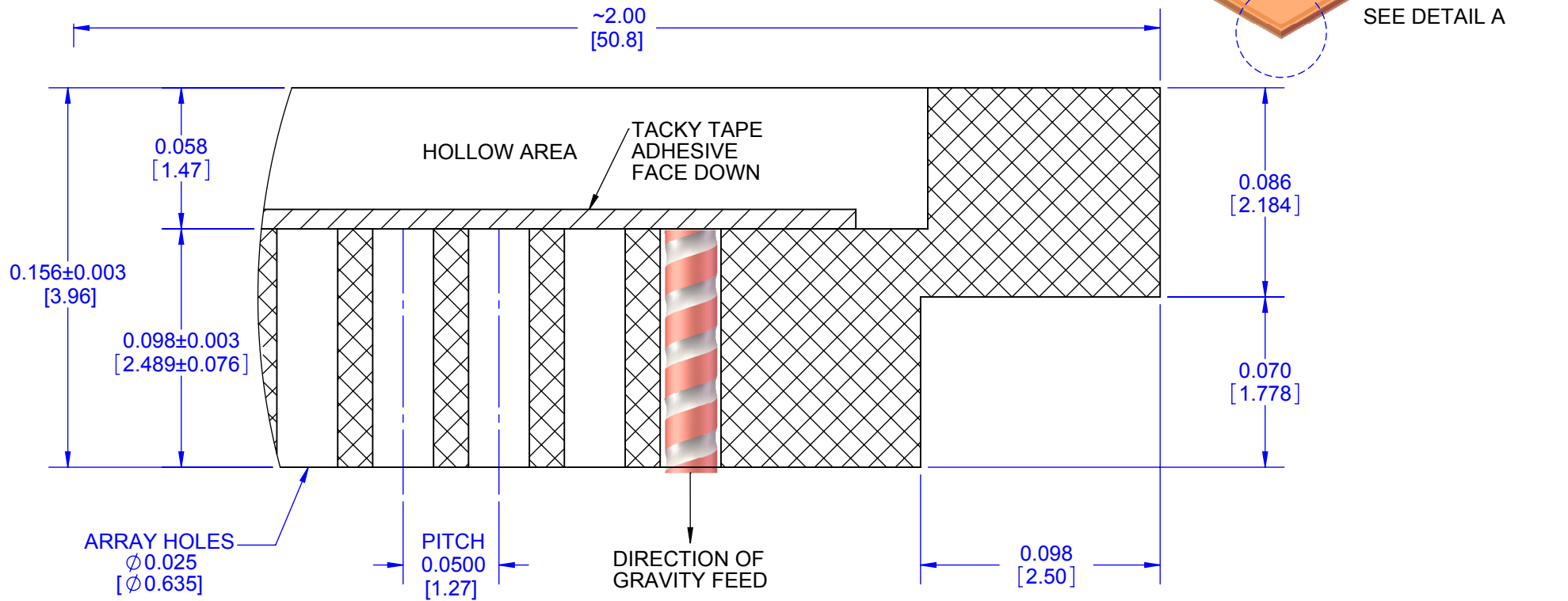
TITLE PP625 PIN-PACK™
CCGA COLUMN CARRIER

SCALE 2:1	SIZE A	DRAWING NO. 002255	REV A
--------------	-----------	-----------------------	----------

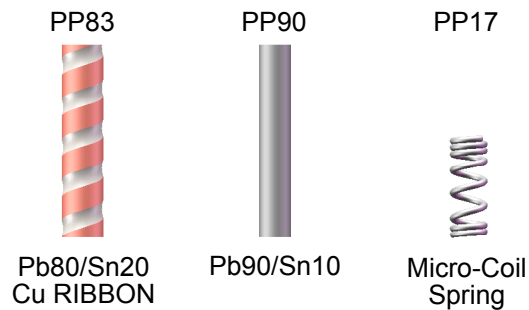
DO NOT SCALE DRAWING

SHEET 1 OF 8

DETAIL A



EXAMPLES OF COLUMNS



NOTES:
1. DIMENSIONS INCHES [MM].

TopLine®

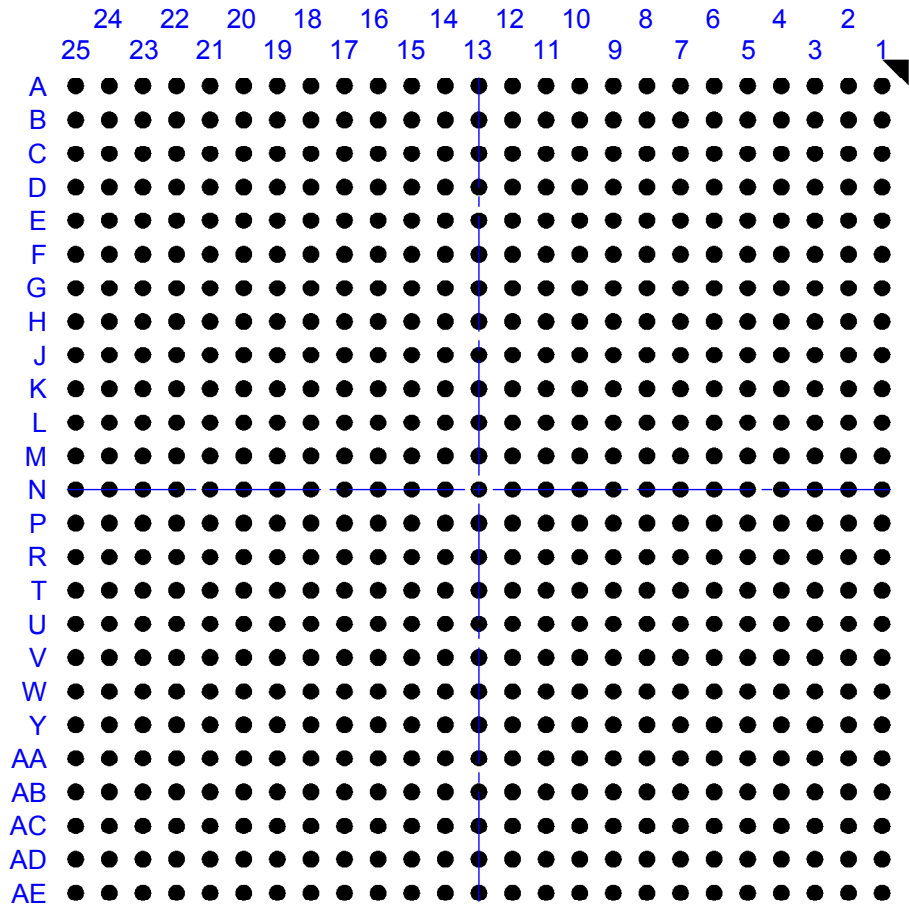
TITLE PP625 PIN-PACK™
CCGA COLUMN CARRIER

SCALE 16:1	SIZE A	DRAWING NO. 002255	REV A
---------------	-----------	-----------------------	----------

DO NOT SCALE DRAWING

SHEET 2 OF 8

PART NUMBER TABLE									
PIN-PACK™	Pins	Pitch	Matrix	COLUMN				Empty DWG	Filled DWG
				Alloy	Construction	Ø Dia	Length		
PP83C625F20x100A PP90U625F20x100A PP17P625F20x50A	625	1.27mm	25x25	Pb80 Pb90 MCS	Cu Ribbon Plain Micro Coil	0.51mm 0.51mm 0.51mm	2.54mm 2.54mm 1.27mm	002255	832255 902255 172255



EXAMPLES OF COLUMNS

PP83



Pb80/Sn20
Cu RIBBON

PP90



Pb90/Sn10

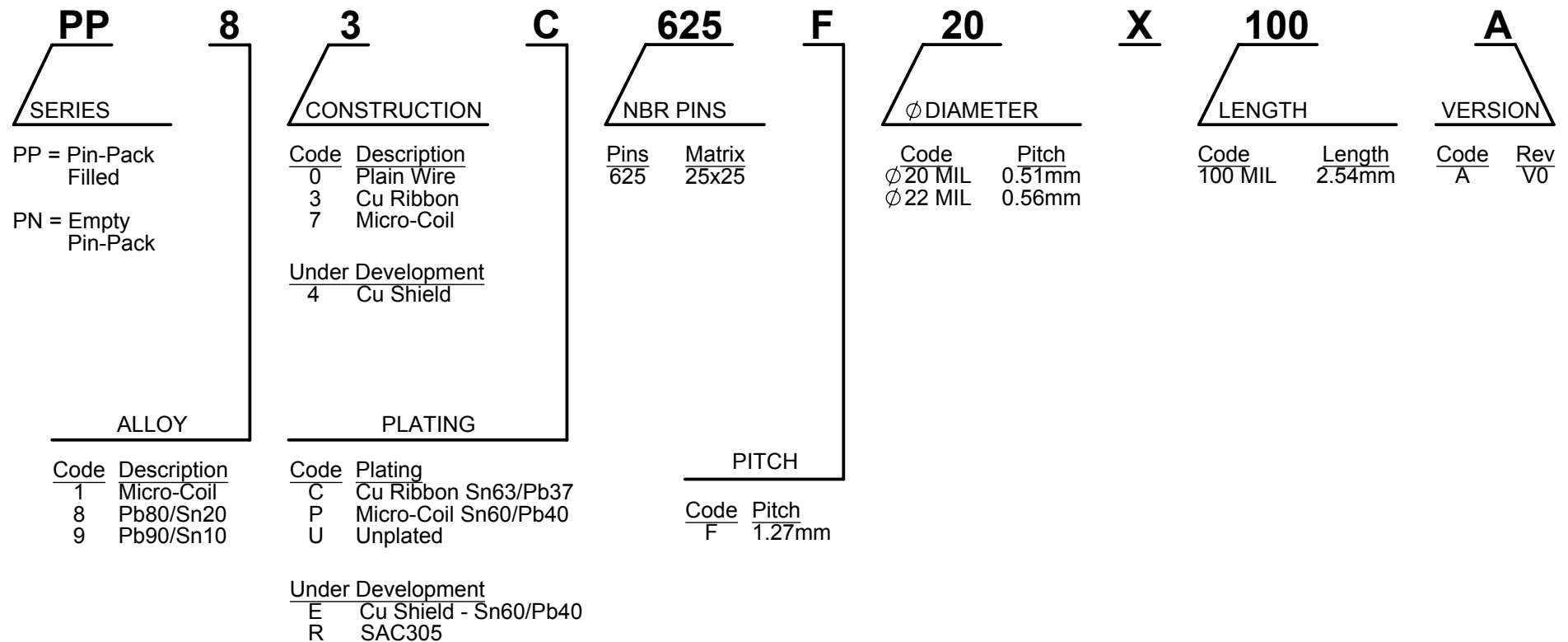
PP17



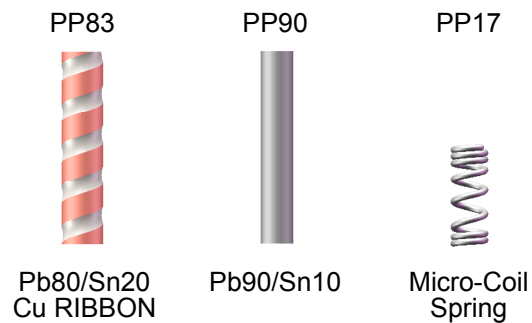
Micro-Coil
Spring

TopLine®			
TITLE PP625 PIN-PACK™ CCGA COLUMN CARRIER			
SCALE NONE	SIZE A	DRAWING NO. 002255	REV A
DO NOT SCALE DRAWING			SHEET 3 OF 8

PIN-PACK™ PART NUMBERING SYSTEM



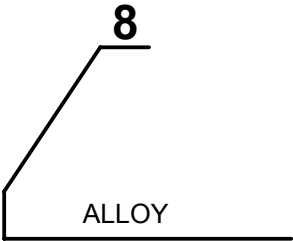
EXAMPLES OF COLUMNS



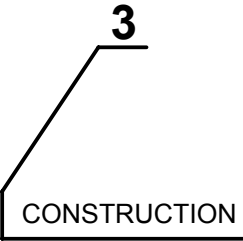
NOTE 1: PP83, PP90 and PP93 REQUIRES TRIMMING TO FINISHED LENGTH.
NOTE 2: COLUMN 2.54mm TO BE TRIMMED TO 2.21mm AFTER ATTACHMENT.

			
TITLE PP625 PIN-PACK™ CCGA COLUMN CARRIER			
SCALE 10:1	SIZE A	DRAWING NO. 002255	REV A
DO NOT SCALE DRAWING			SHEET 4 OF 8

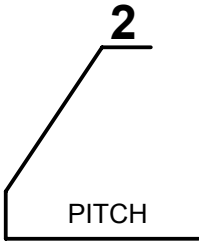
PIN-PACK™ DRAWING NUMBERING SYSTEM



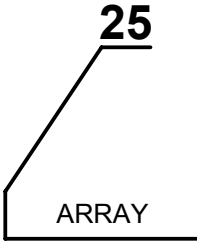
Code	Description
00	Empty
1	Micro-Coil
8	Pb80/Sn20
9	Pb90/Sn10



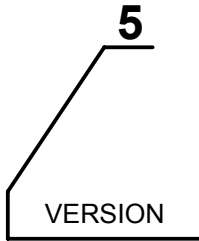
Code	Description
0	Plain Wire
3	Cu Ribbon
7	Micro-Coil



Code	Pitch
2	1.27mm



Code	Matrix
25	25x25



Code	Rev
5	625 PINS

Under Development	
4	Cu + Sn60/Pb40
5	Cu + SAC
6	Sn60/Pb40

EXAMPLES OF COLUMNS

PP83 PP90 PP17



Pb80/Sn20
Cu RIBBON



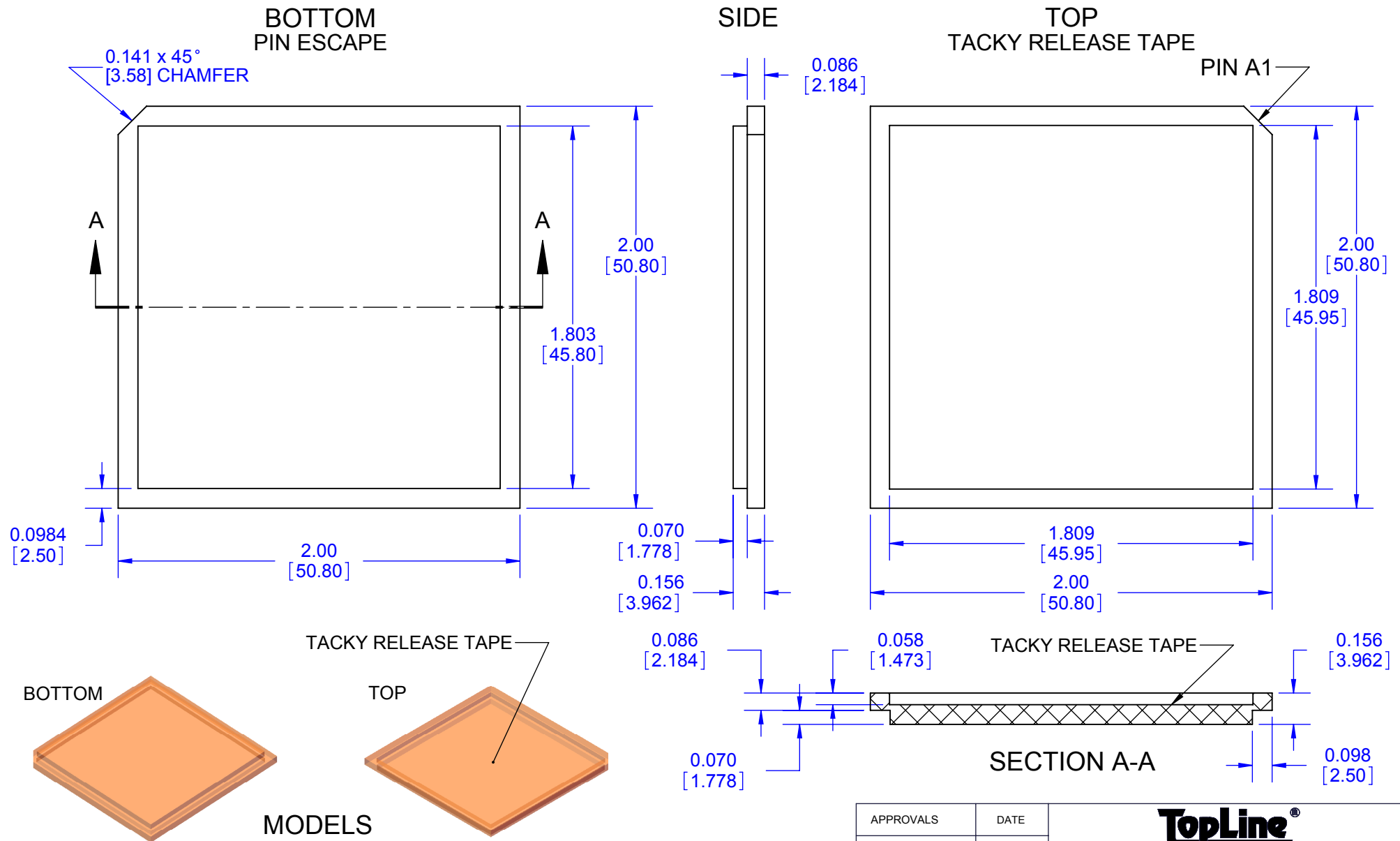
Pb90/Sn10



Micro-Coil
Spring

TopLine®			
TITLE PP625 PIN-PACK™ CCGA COLUMN CARRIER			
SCALE 10:1	SIZE A	DRAWING NO. 002255	REV A
DO NOT SCALE DRAWING			SHEET 5 OF 8

PIN-PACK™ OUTLINE

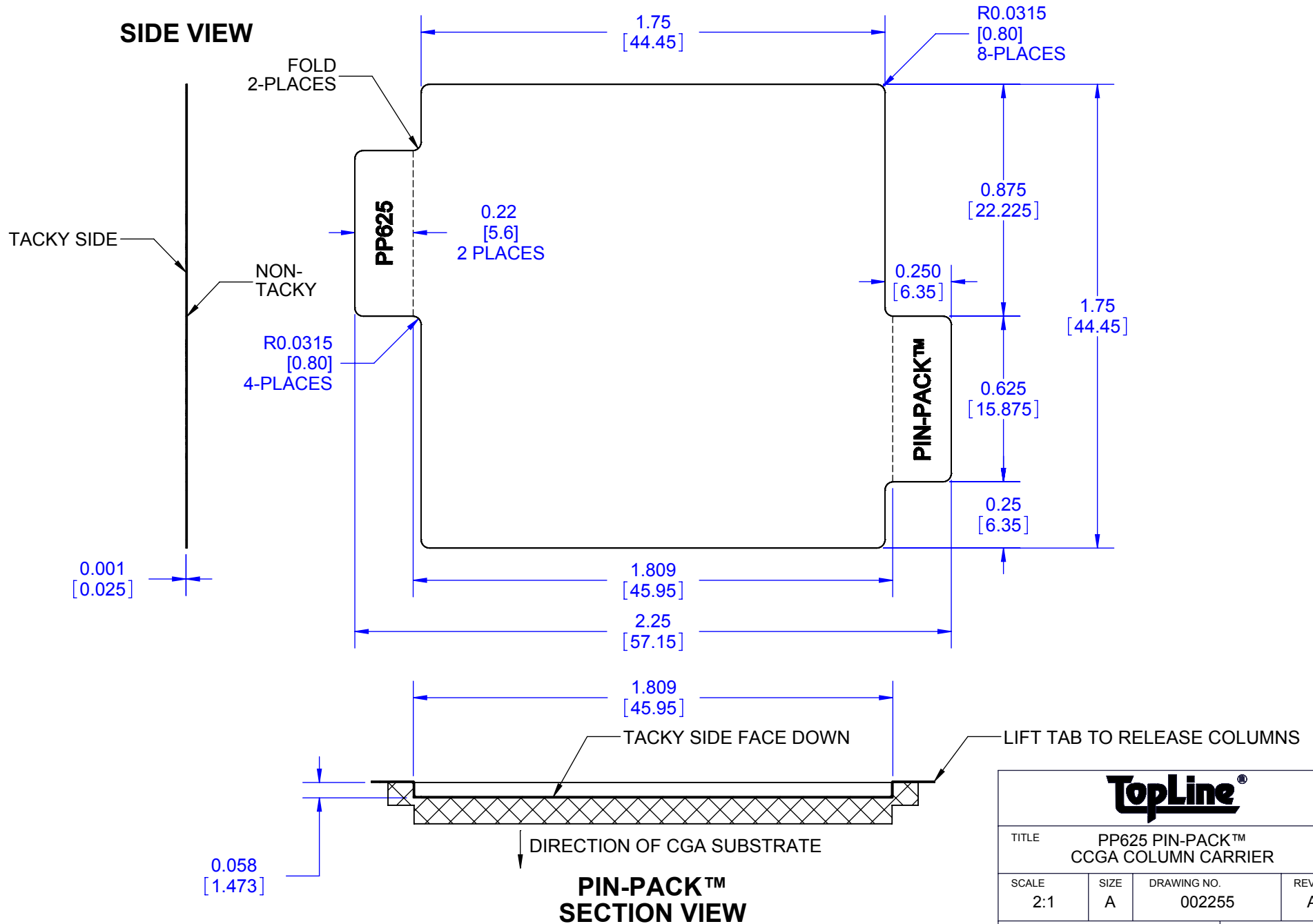


NOTES:

1. DIMENSIONS INCHES [MM].
2. SHOWN WITHOUT HOLES FOR CLARITY.
3. PIN-PACK™ IS TRADEMARK OF TOPLINE.
4. PIN-PACK™ PATENT PENDING.

APPROVALS	DATE				
DRAWN T.Au	10/01/14				
ENG M. Hart	10/01/14	TITLE PP625 PIN-PACK™ CCGA COLUMN CARRIER			
MFG					
QA		SCALE 3:2	SIZE A	DRAWING NO. 002255	REV A
CUST					
REVISED		DO NOT SCALE DRAWING			SHEET 6 OF 8

TACKY RELEASE TAPE TOP VIEW



TopLine®

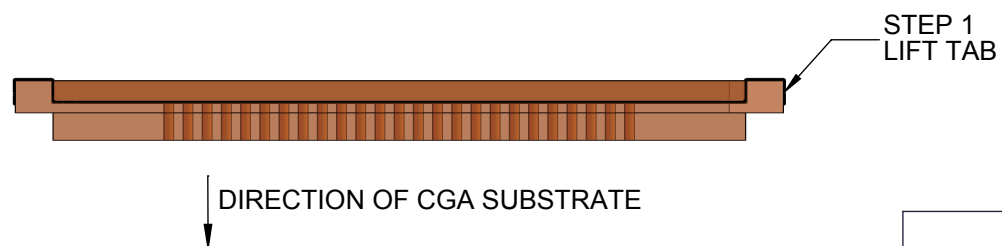
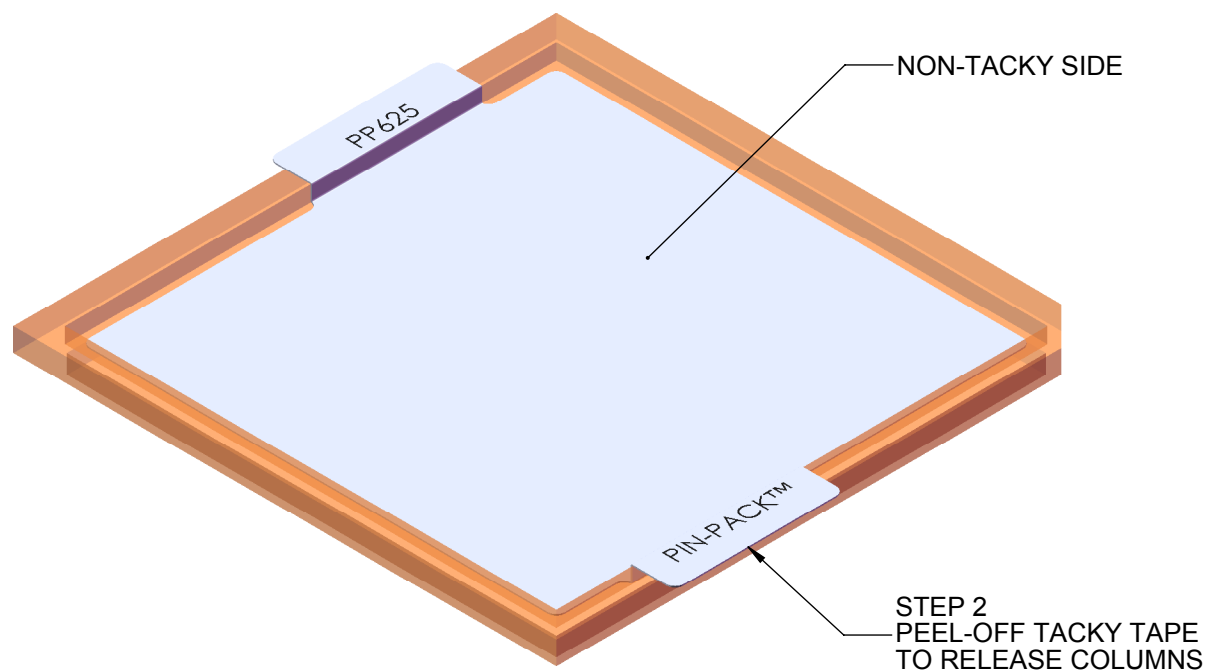
TITLE PP625 PIN-PACK™
CCGA COLUMN CARRIER

SCALE 2:1	SIZE A	DRAWING NO. 002255	REV A
--------------	-----------	-----------------------	----------

DO NOT SCALE DRAWING

SHEET 7 OF 8

TACKY RELEASE TAPE MODEL



TopLine®

TITLE PP625 PIN-PACK™
CCGA COLUMN CARRIER

SCALE 2:1	SIZE A	DRAWING NO. 002255	REV A
--------------	-----------	-----------------------	----------

DO NOT SCALE DRAWING

SHEET 8 OF 8