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OCT ,2003.

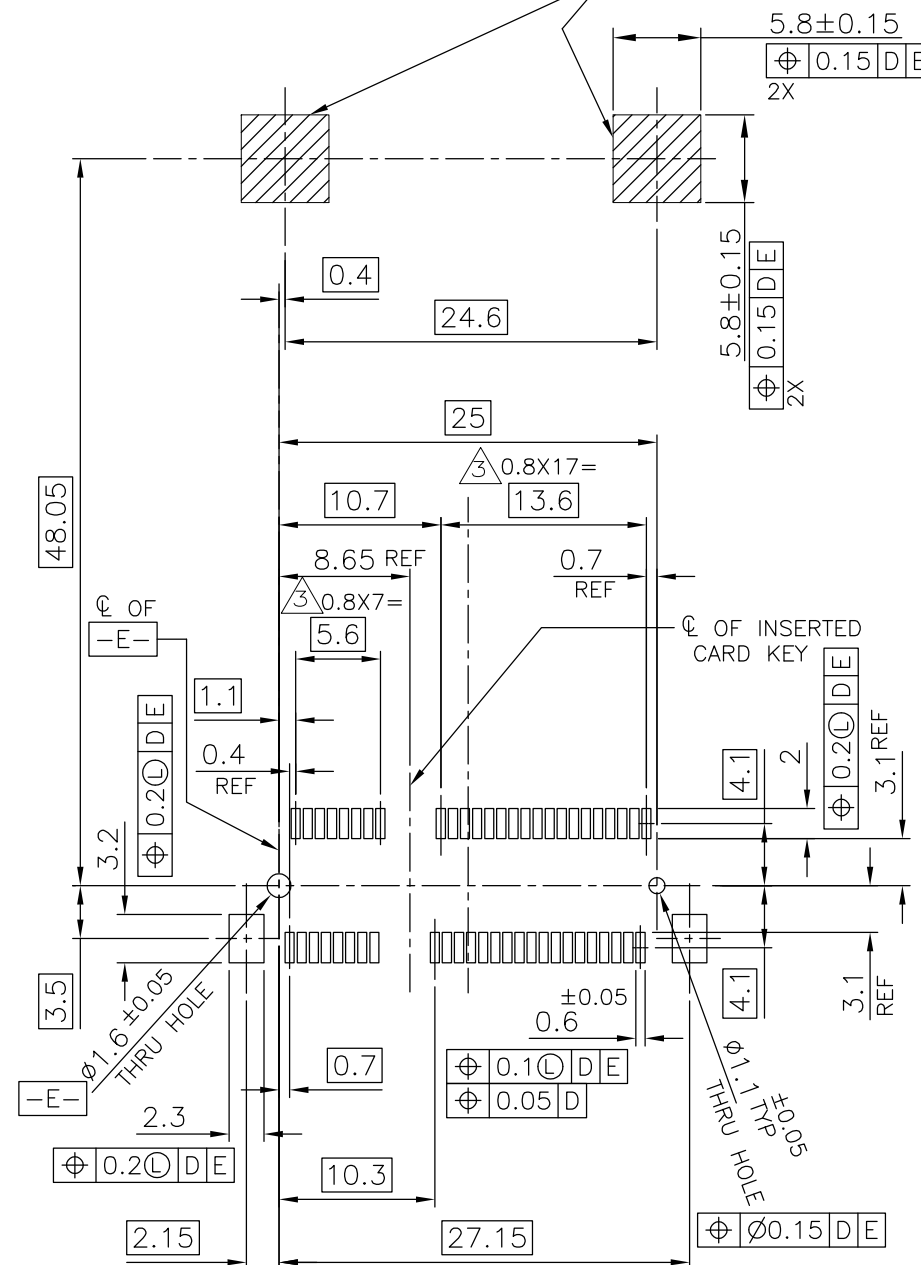
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REVISIONS

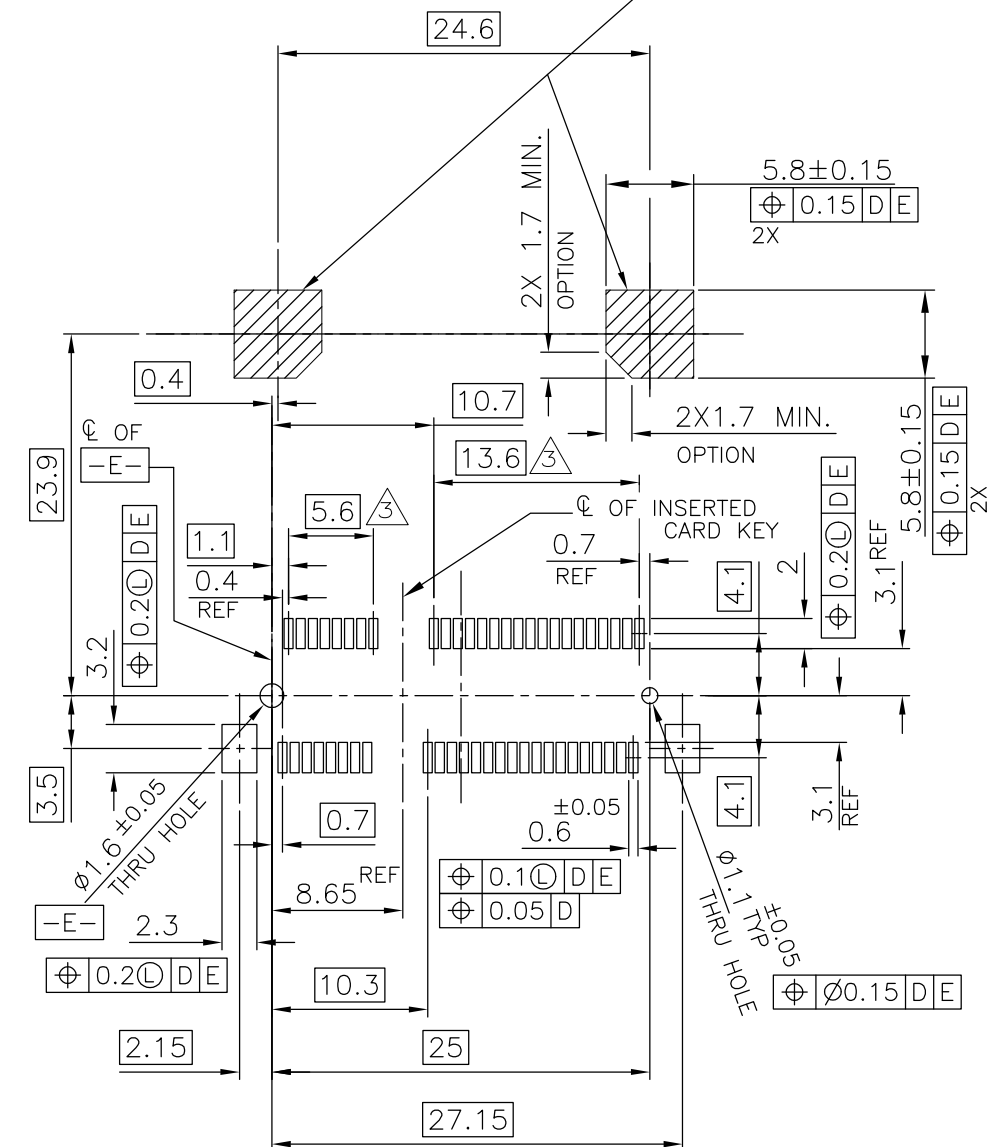
P	LTR	DESCRIPTION	DATE	DWN	APVD
	-	SEE SHEET 1	-	-	-

Component and routing (all layers)
keep out area for hold down solutions



REFERENTIAL P.C.BOARD LAYOUT
FOR FULL CARD CONNECTOR

Component and routing (all layers)
keep out area for hold down solutions

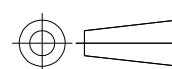


REFERENTIAL P.C.BOARD LAYOUT
FOR HALF CARD CONNECTOR

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DIMENSIONS:

MM

TOLERANCES UNLESS
OTHERWISE SPECIFIED:

0 PLC ± -
1 PLC ± -
2 PLC ± -
3 PLC ± -
4 PLC ± -
ANGLES ± -
FINISH

MATERIAL

DWN

CHK

APVD

PRODUCT SPEC

APPLICATION SPEC

WEIGHT

CUSTOMER DRAWING



TE Connectivity

NAME

SEMI HARD TRAY & EMBOSS TAPE SUPPLY
2 IN 1 mSATA AND MINI PCI EXPRESS MINI CARD
CONNECTOR 4mm HEIGHT

SIZE

CAGE CODE

DRAWING NO

RESTRICTED TO

A300779

C-1717831

SCALE 2:1

SHEET 2 OF 7

REV E

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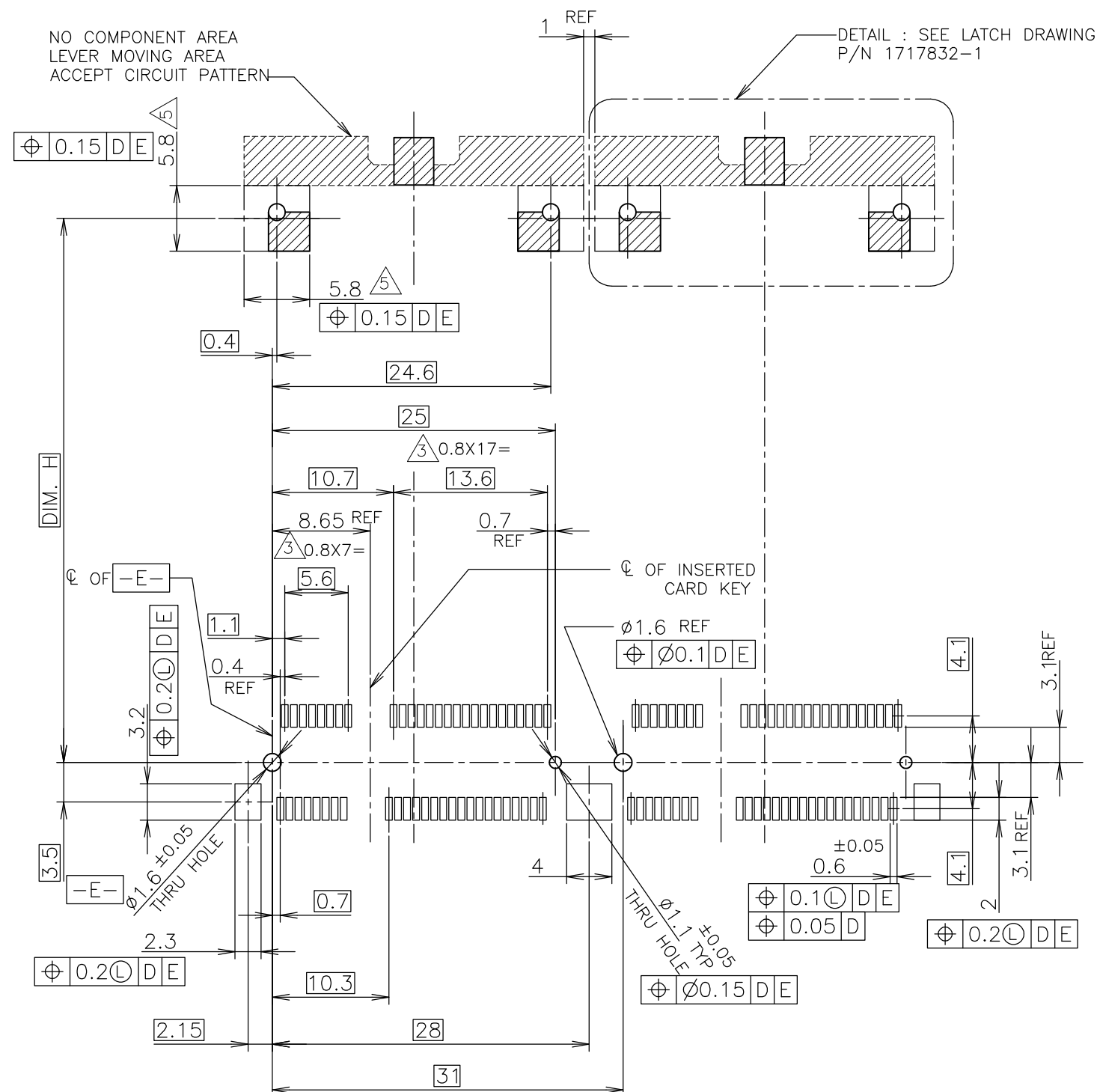
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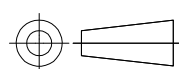
P	LTR	DESCRIPTION	DATE	DWN	APVD
-	-	SEE SHEET 1	-	-	-



RECOMMENDED P.C. BOARD PATTERN LAYOUT
FOR FULL CARD & SIDE BY SIDE MOUNT

DIM. H	
48.05	FULL-MINI CARD
23.9	HALF-MINI CARD

THIS DRAWING IS A CONTROLLED DOCUMENT.

DIMENSIONS:
MM

MATERIAL

TOLERANCES UNLESS
OTHERWISE SPECIFIED:

0 PLC	± -
1 PLC	± -
2 PLC	± -
3 PLC	± -
4 PLC	± -
ANGLES	± -
FINISH	

DWN

CHK

APVD

PRODUCT SPEC

APPLICATION SPEC

WEIGHT

CUSTOMER DRAWING



TE Connectivity

NAME

SEMI HARD TRAY & EMBOSS TAPE SUPPLY
2 IN 1 mSATA AND MINI PCI EXPRESS MINI CARD
CONNECTOR 4mm HEIGHT

SIZE

CAGE CODE

DRAWING NO

RESTRICTED TO

A300779

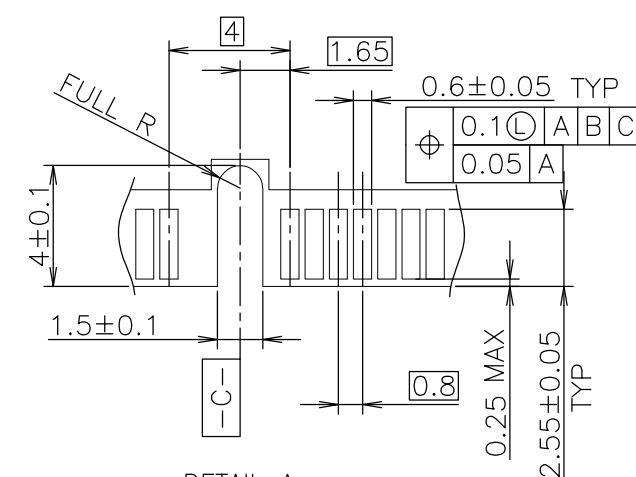
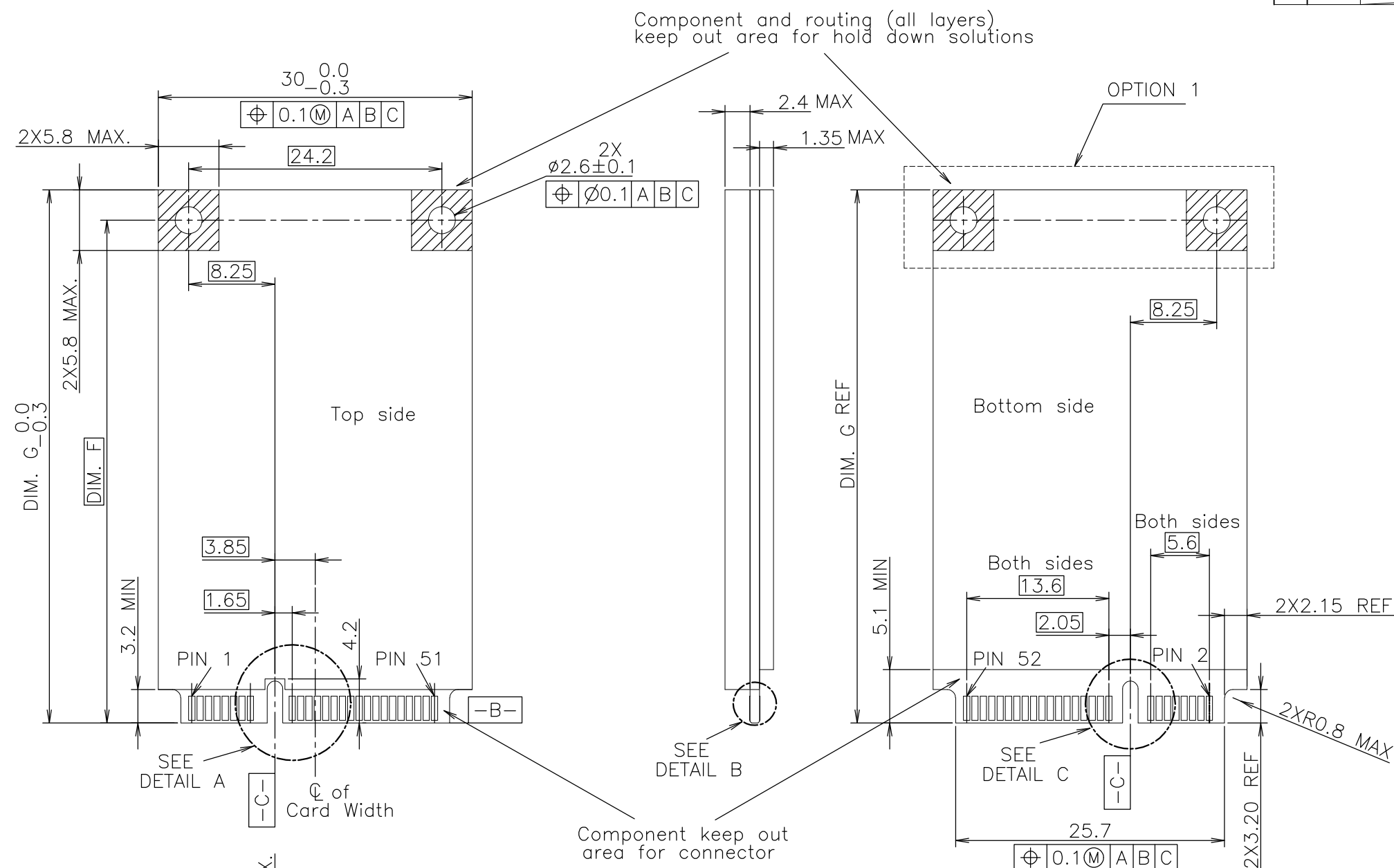
C-1717831

SCALE 2:1

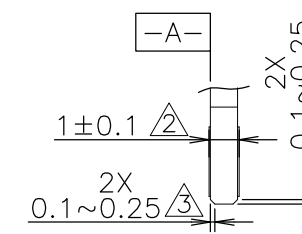
SHEET 3 OF 7

REV E

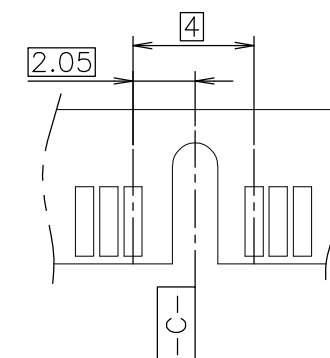
P	LTR	DESCRIPTION	DATE	DWN	APVD
	—	SEE SHEET 1	—	—	—



DETAIL A
(4:1)



DETAIL 1
(4:1)



DETAIL (4:1)

DIM. F	DIM. G	
48.05	50.95	FULL-MINI CARD
23.9	26.8	HALF-MINI CARD

RECOMMENDED MATING P.C.B CONFIGRATION

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DIMENSIONS:		TOLERANCES UNLESS OTHERWISE SPECIFIED:	
MM			
	0 PLC	±	—
	1 PLC	±	—
	2 PLC	±	—
	3 PLC	±	—
	4 PLC	±	—
	ANGLES		±
MATERIAL	FINISH		

DWN	 TE Connectivity	2019		2019	2019	2019	2019
CHK							
APVD		NAME					
PRODUCT SPEC		SEMI HARD TRAY & EMOSS TAPE SUPPLY					
APPLICATION SPEC		2 IN 1 mSATA AND MINI PCI EXPRESS MINI CARD					
WEIGHT	CONNECTOR 4mm HEIGHT		SIZE	CAGE CODE	DRAWING NO		RESTRICTED
	A3		00779		C-1717831		—
CUSTOMER DRAWING			SCALE		2:1		SHEET
					4 OF 7		REV
							F

NOTES

1. PCI EXPRESS MINI CARD, PCB THICKNESS 1.0mm.
2. CARD THICKNESS APPLIES ACROSS TABS AND INCLUDES PLATING AND/OR METALIZATION.
3. BEVEL MUST BE FREE OF CUTTING BURRS.

4

3

2

1

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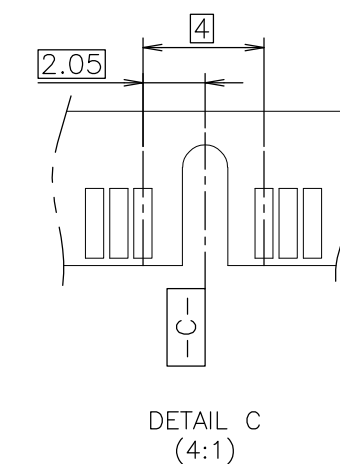
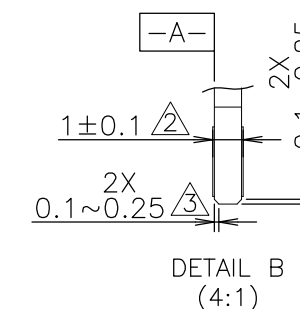
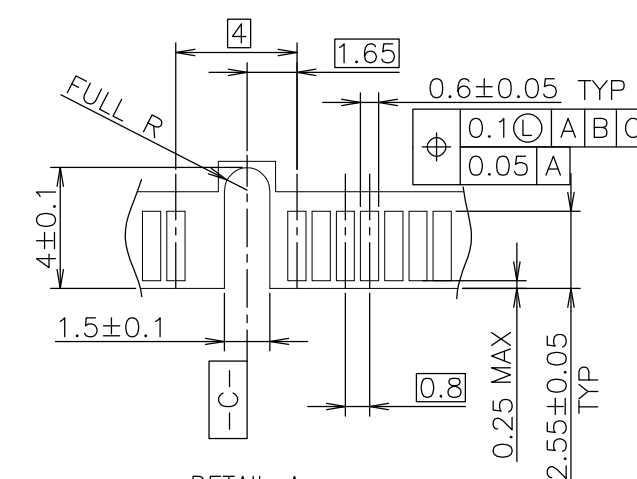
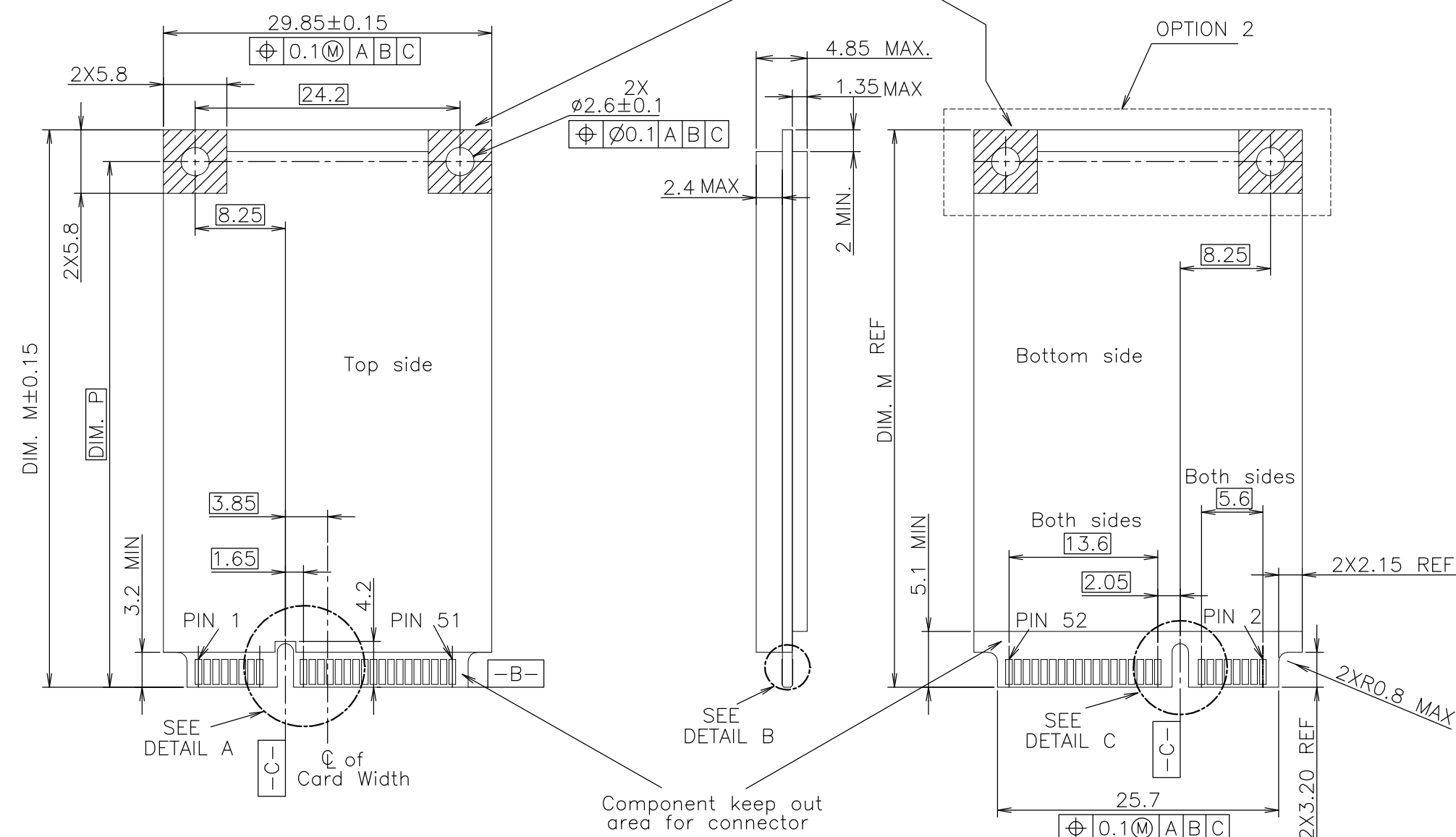
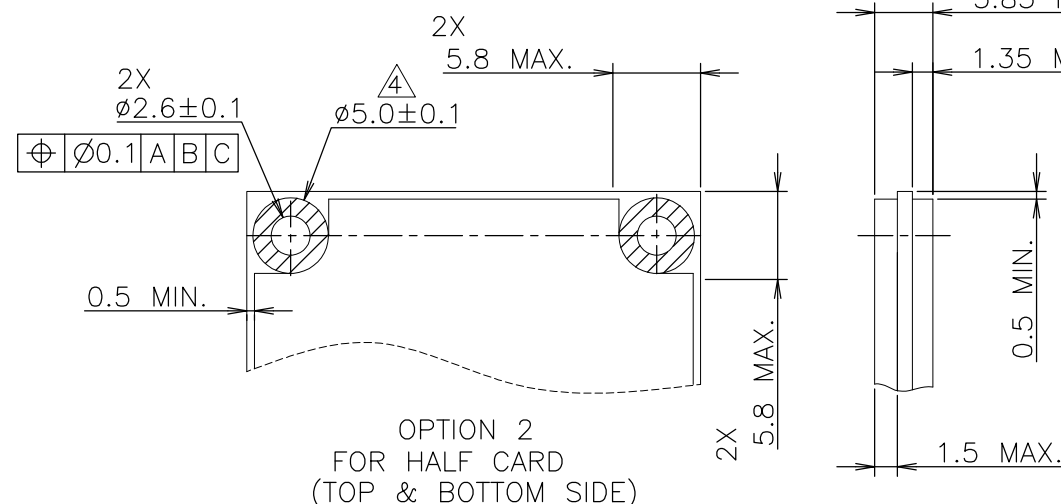
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REVISIONS

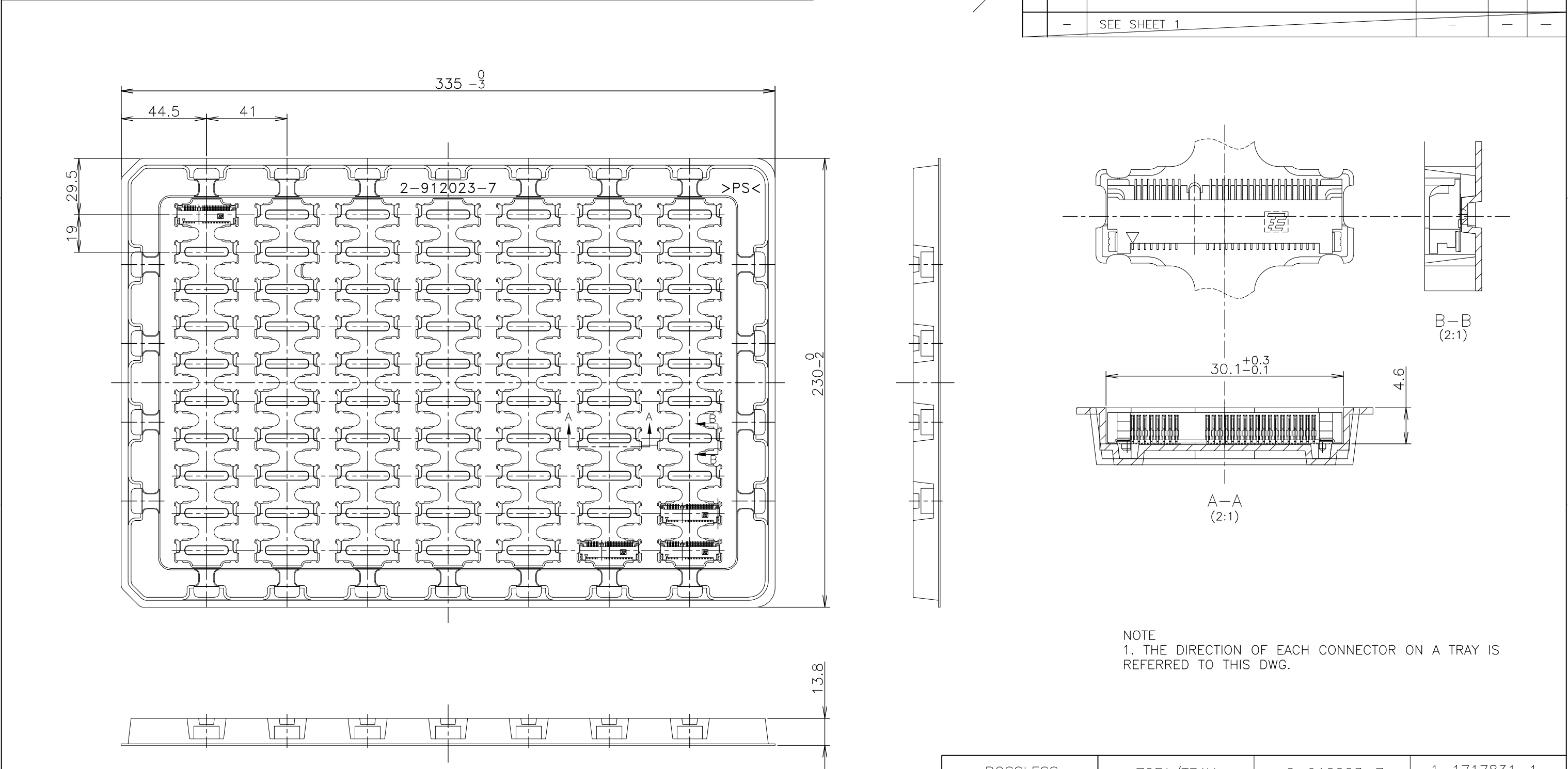
P	LTR	DESCRIPTION	DATE	DWN	APVD
-	-	SEE SHEET 1	-	-	-

Component and routing (all layers)
keep out area for hold down solutionsRECOMMENDED MATING P.C.B CONFIGURATION
FOR mSATA

- NOTES
- 1.mSATA CARD,PCB THICKNESS 1.0mm.
 - 2.CARD THICKNESS APPLIES ACROSS TABS AND INCLUDES PLATING AND/OR METALIZATION.
 - 3.BEVEL MUST BE FREE OF CUTTING BURRS.
 - 4.COMPONENT AND ROUTING (TOP/BOTTOM LAYER) KEEP OUT AREA FOR HOLD DOWN SOLUTIONS.

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN	 TE Connectivity		
DIMENSIONS: MM		CHK			
TOLERANCES UNLESS OTHERWISE SPECIFIED:		APVD	NAME		
0 PLC ± -		PRODUCT SPEC	SEMI HARD TRAY & EMBOSS TAPE SUPPLY		
1 PLC ± -		APPLICATION SPEC	2 IN 1 mSATA AND MINI PCI EXPRESS MINI CARD		
2 PLC ± -		WEIGHT	CONNECTOR 4mm HEIGHT		
3 PLC ± -		CUSTOMER DRAWING	SIZE	CAGE CODE	DRAWING NO
4 PLC ± -			A3	00779	C-1717831
ANGLES ± -			SCALE	SHEET	REV
FINISH			2:1	5 OF 7	E

REVISIONS					
P	LTR	DESCRIPTION	DATE	DWN	APVD
	-	SEE SHEET 1	-	-	-



BOSSLESS	70EA/TRAY	2-912023-7	1-1717831-1
//	70EA/TRAY	2-912023-7	1717831-1
REMARK	QTY	TRAY P/N	P/N

THIS DRAWING IS A CONTROLLED DOCUMENT.

DIMENSIONS:
MM

TOLERANCES UNLESS OTHERWISE SPECIFIED:

0 PLC ± -
1 PLC ± -
2 PLC ± -
3 PLC ± -
4 PLC ± -
ANGLES ± -
FINISH

TOLERANCES UNLESS OTHERWISE SPECIFIED

±0.5

MATERIAL

DWN

CHK

APVD

PRODUCT SPEC

108-5899

APPLICATION SPEC

WEIGHT

CUSTOMER DRAWING

TE Connectivity

NAME

SEMI HARD TRAY & EMBOSS TAPE SUPPLY
2 IN 1 mSATA AND MINI PCI EXPRESS MINI CARD
CONNECTOR 4mm HEIGHT

SIZE

CAGE CODE

DRAWING NO

RESTRICTED TO

A300779

C-1717831

SCALE

NTS

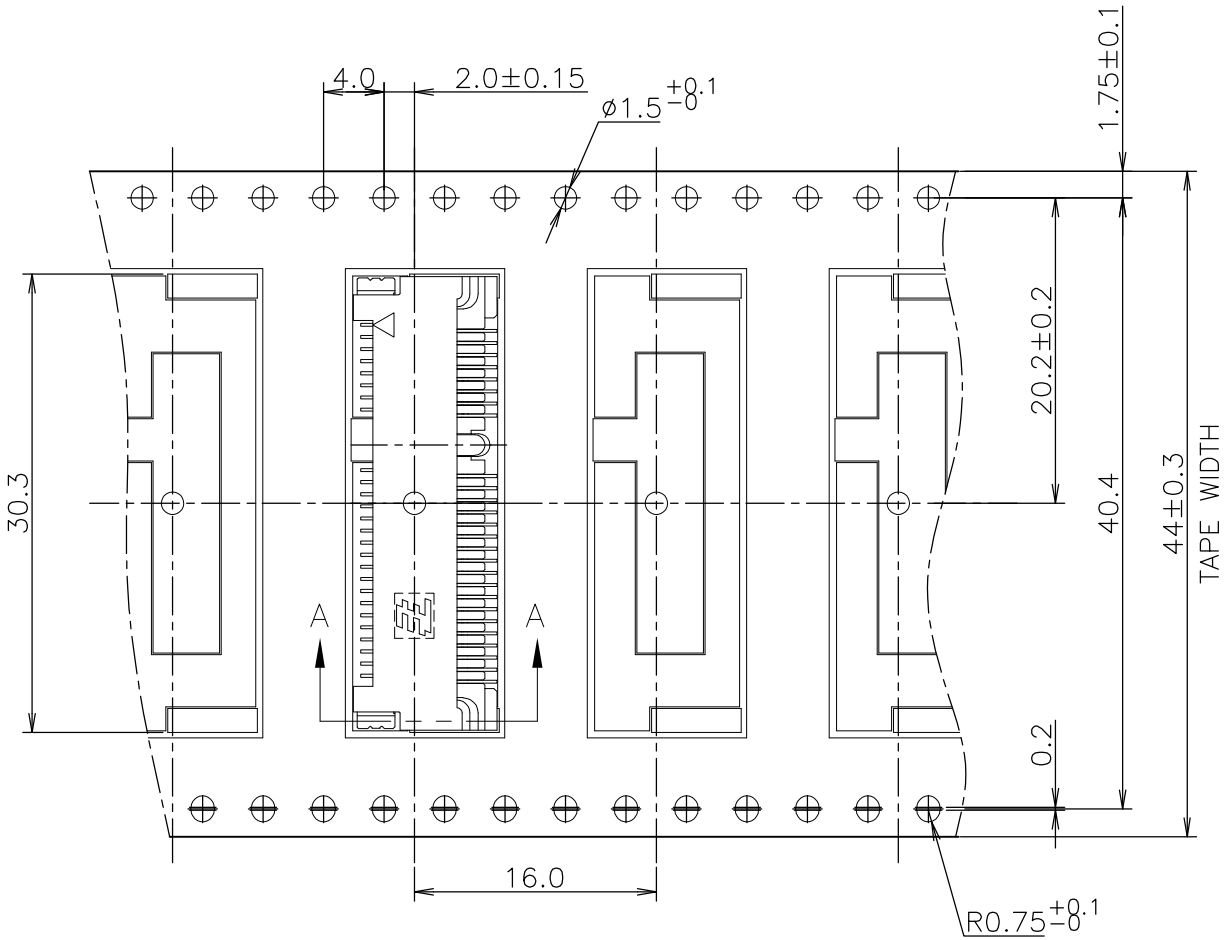
SHEET

6 OF 7

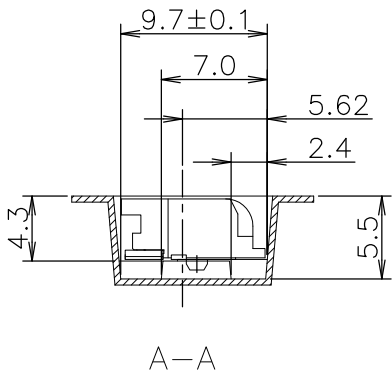
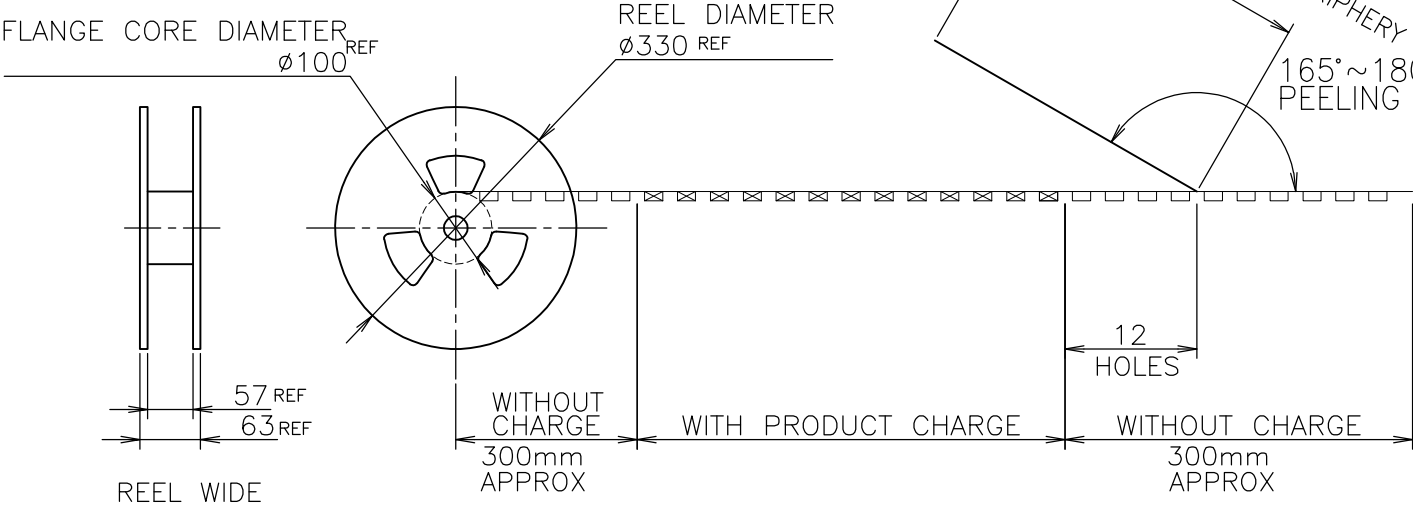
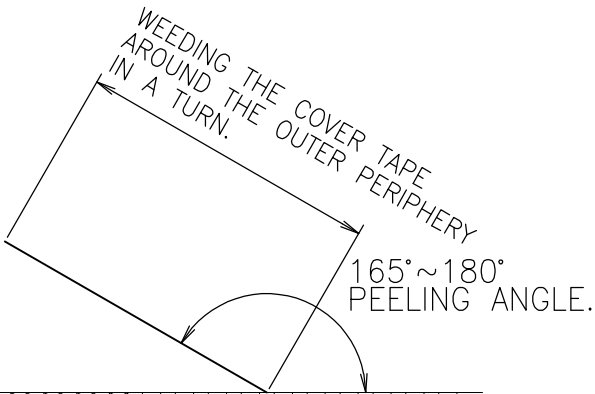
REV

E

REVISIONS					
P	LTR	DESCRIPTION	DATE	DWN	APVD
	-	SEE SHEET 1	-	-	-

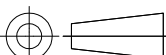


NOTE 1. PEELING RESISTANCE : 0.1N~1.3N
(10gf~130gf)
SPEED : 300mm/min



TOP OF REEL →

//	500EA	5-912103-9	1717831-2
REMARK	QTY/REEL	EMBOSS TAPE P/N	P/N

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN		TE Connectivity								
		CHK										
DIMENSIONS: MM		TOLERANCES UNLESS OTHERWISE SPECIFIED: 0 PLC ± - 1 PLC ± - 2 PLC ± - 3 PLC ± - 4 PLC ± - ANGLES ± -		APVD		NAME						
				PRODUCT SPEC		SEMI HARD TRAY & EMBOSS TAPE SUPPLY						
				108-5899		2 IN 1 mSATA AND MINI PCI EXPRESS MINI CARD						
				APPLICATION SPEC		CONNECTOR 4mm HEIGHT						
MATERIAL		FINISH		WEIGHT		SIZE	CAGE CODE	DRAWING NO	RESTRICTED TO			
						A3	00779	C-1717831	—			
CUSTOMER DRAWING						SCALE	2:1		SHEET	7 OF 7	REV	E