THE DATASHEET OF

2170128-1

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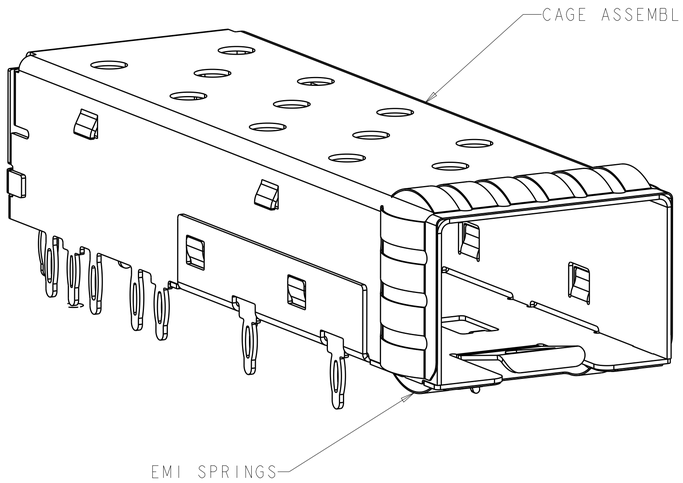
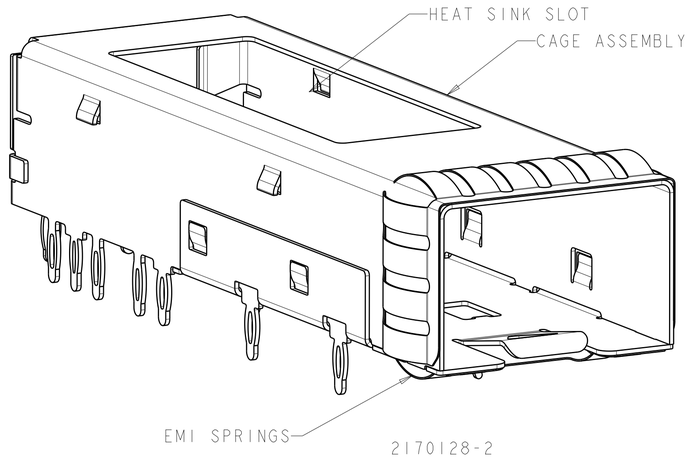
LOC	DIST
GP	00

REVISIONS

P	LTR	DESCRIPTION	DATE	DWN	APVD
	A	RELEASED PER ECO-13-007850	09MAY2013	PP	SH
	A1	RELEASED PER ECO-13-015033	24SEP2013	JZ	SH
	A2	REVISED PER ECR-18-019121	28MAR2019	IT	SH



2170128-1



2170128-2

1. MATERIAL:
CAGE ASSEMBLY - NICKEL-SILVER ALLOY.
EMI SPRINGS - COPPER ALLOY.

2. FINISH:
EMI SPRINGS - 0.8~2um NICKEL PLATE
NON-PLATED EDGES PERMISSIBLE.

3. MATES WITH SFP MSA COMPLIANT TRANSCEIVERS.

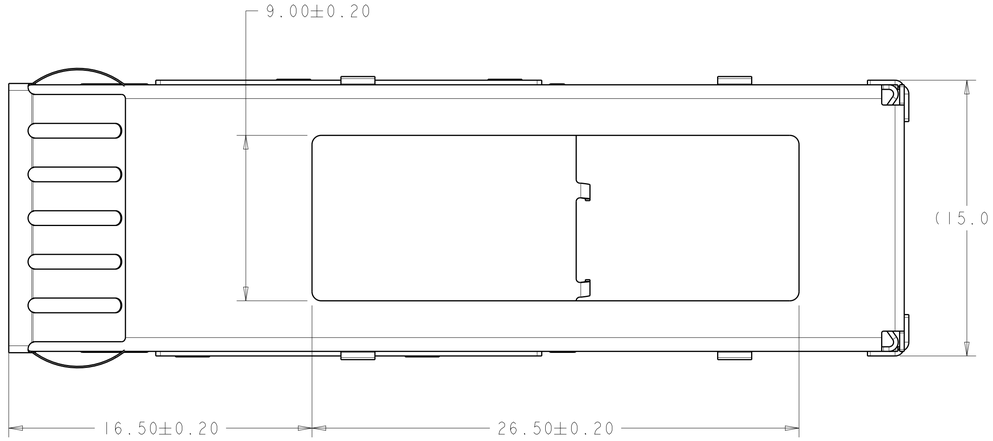
4. PADS AND VIAS CHASSIS GROUND.

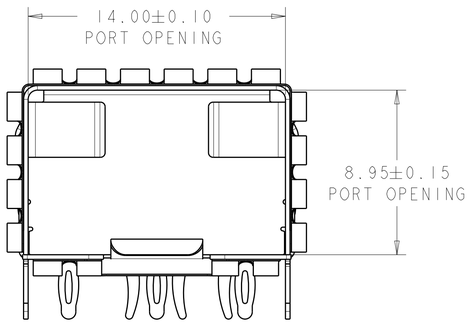
5. DATUM AND BASIC DIMENSION ESTABLISHED BY CUSTOMER.

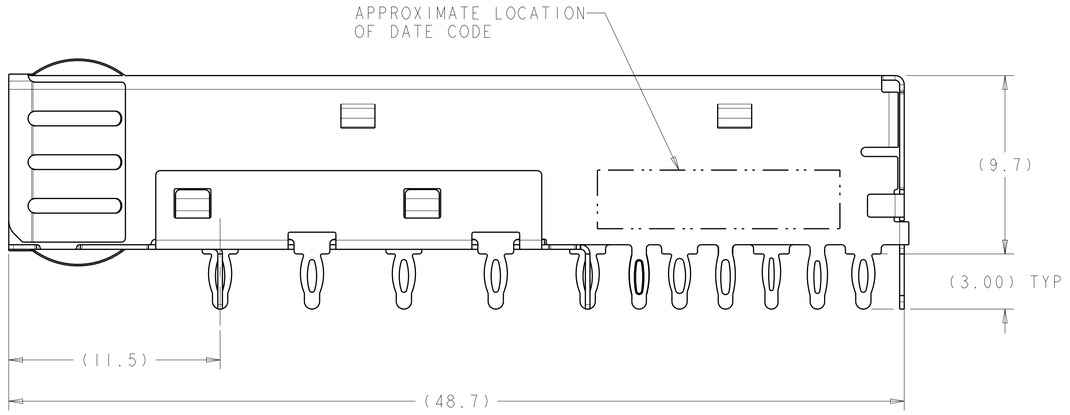
6. MINIMUM PC BOARD THICKNESS:
SINGLE SIDED = 1.50 mm

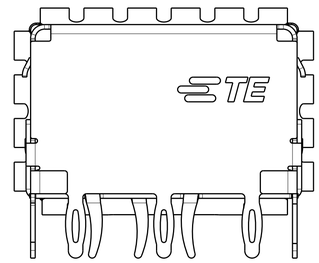
7. REFERENCE APPLICATION SPEC. 114-13120, HOLE A, FOR RECOMMENDED DRILL HOLE DIAMETER AND PLATING THICKNESS.

8. REFERENCE APPLICATION SPEC. 114-13120, HOLE C, FOR RECOMMENDED DRILL HOLE DIAMETER AND PLATING THICKNESS.









WITH HEAT SINK SLOT	2170128-2
WITHOUT HEAT SINK SLOT	2170128-1
DESCRIPTION	PART NUMBER

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DIMENSIONS: mm

TOLERANCES UNLESS OTHERWISE SPECIFIED:
0 PLC ±
1 PLC ±0.25
2 PLC ±0.20
3 PLC ±0.15
4 PLC ±0.15
ANGLES ±

MATERIAL 1
FINISH 2

DWN TIM XUE 30AUG2011
CHK C. WANG 30AUG2011
APVD C. WANG 30AUG2011
PRODUCT SPEC 108-2364
APPLICATION SPEC 114-13120
WEIGHT -

TE Connectivity

NAME SFP+ 1X1 CAGE ASSEMBLY
PRESS-FIT, EXTERNAL EMI SPRINGS
-

SIZE	CAGE CODE	DRAWING NO	RESTRICTED TO
A1	00779	C-2170128	-

Customer Drawing

SCALE 6:1 SHEET 1 OF 2 REV A2

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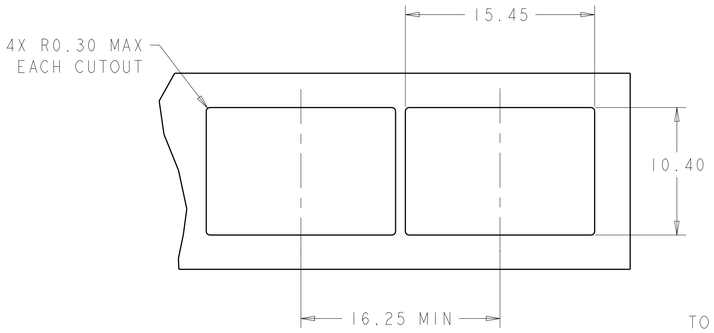
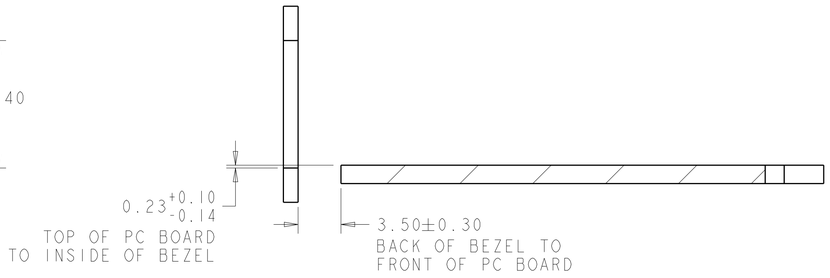
REVISIONS

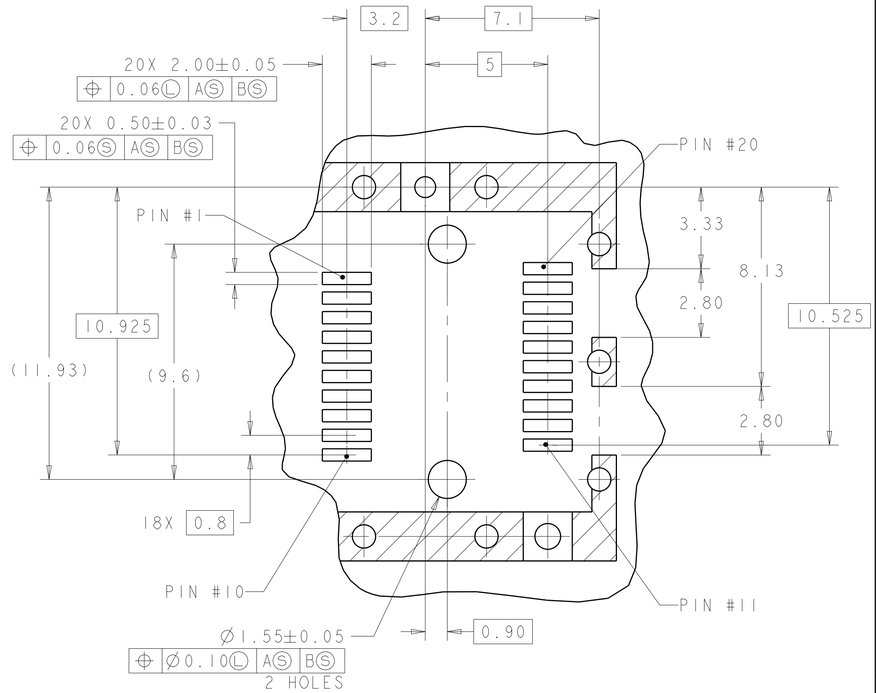
P	LTR	DESCRIPTION	DATE	DWN	APVD
	-	SEE SHEET 1	-	-	-



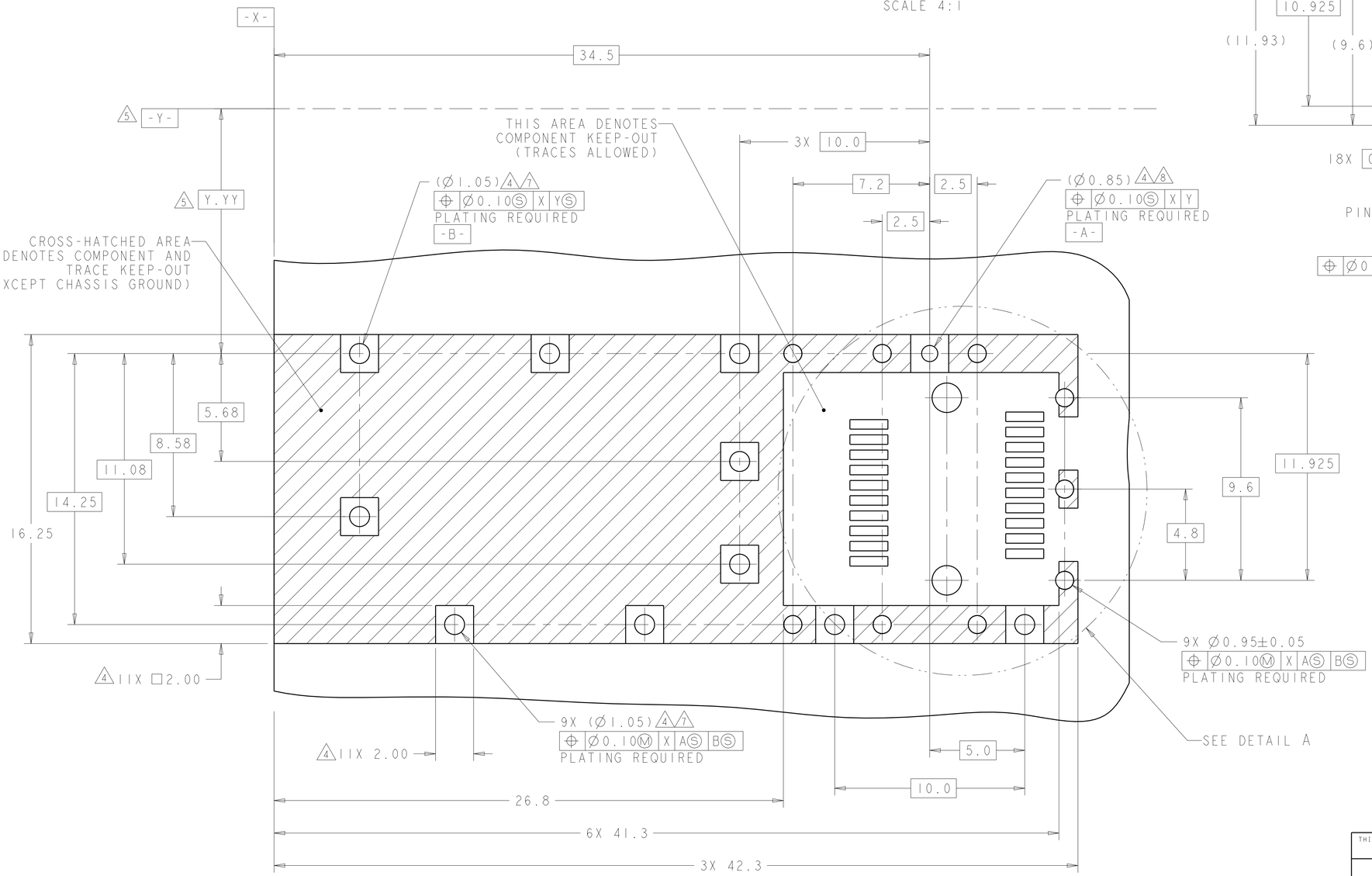
RECOMMENDED BEZEL CUTOUT
SCALE 4:1



RECOMMENDED BEZEL AND
PC BOARD ORIENTATION
SCALE 4:1



DETAIL A
SCALE 8:1



RECOMMENDED PCB LAYOUT
SCALE 8:1

THIS DRAWING IS A CONTROLLED DOCUMENT.	DWN TIM XUE 30AUG2011	TE Connectivity	
DIMENSIONS: mm	CHK C. WANG 30AUG2011	NAME SFP+ 1X1 CAGE ASSEMBLY PRESS-FIT, EXTERNAL EMI SPRINGS -	
TOLERANCES UNLESS OTHERWISE SPECIFIED: 0 PLC ± 1 PLC ±0.25 2 PLC ±0.20 3 PLC ±0.15 4 PLC ±0.15 ANGLES ±	APVD C. WANG 30AUG2011		
MATERIAL - -	PRODUCT SPEC 108-2364	SIZE A1	CAGE CODE 00779
FINISH - -	APPLICATION SPEC 114-13120	DRAWING NO C-2170128	RESTRICTED TO -
	WEIGHT -	Customer Drawing	SCALE 6:1 SHEET 2 OF 2 REV A2

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- TE Connectivity Information

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- Obsolete Management
- Cost Control Management
- Shortage Management
- Alternative Solution
- Excess Inventory Management