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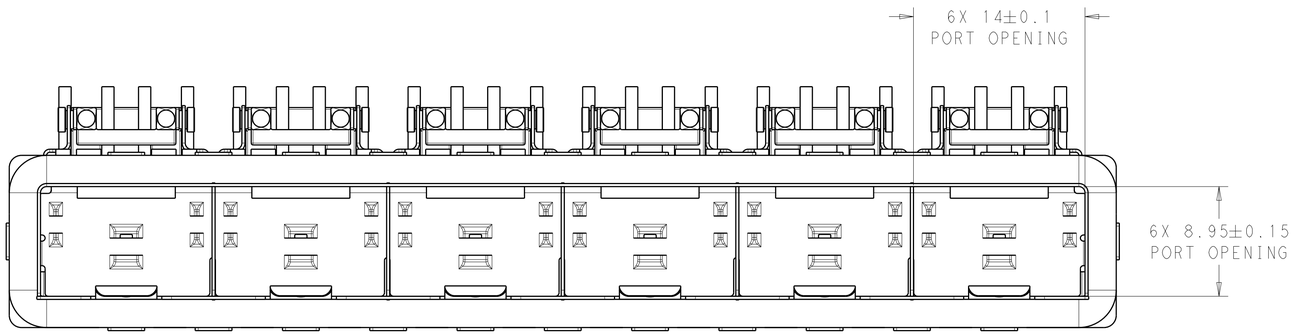
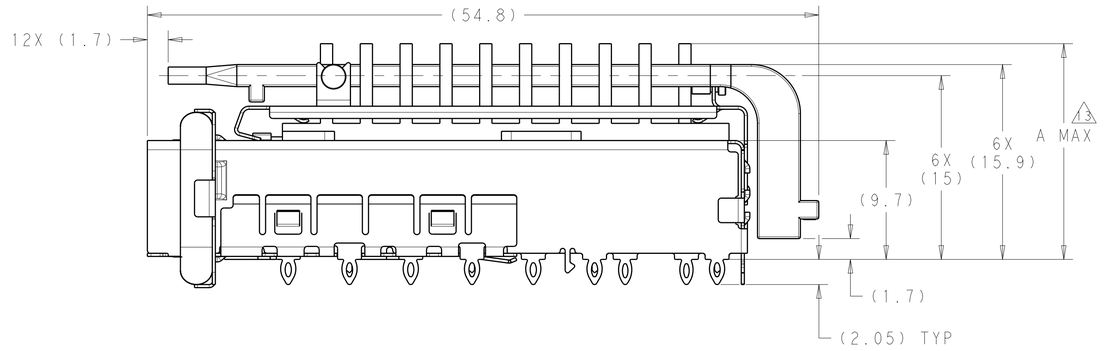
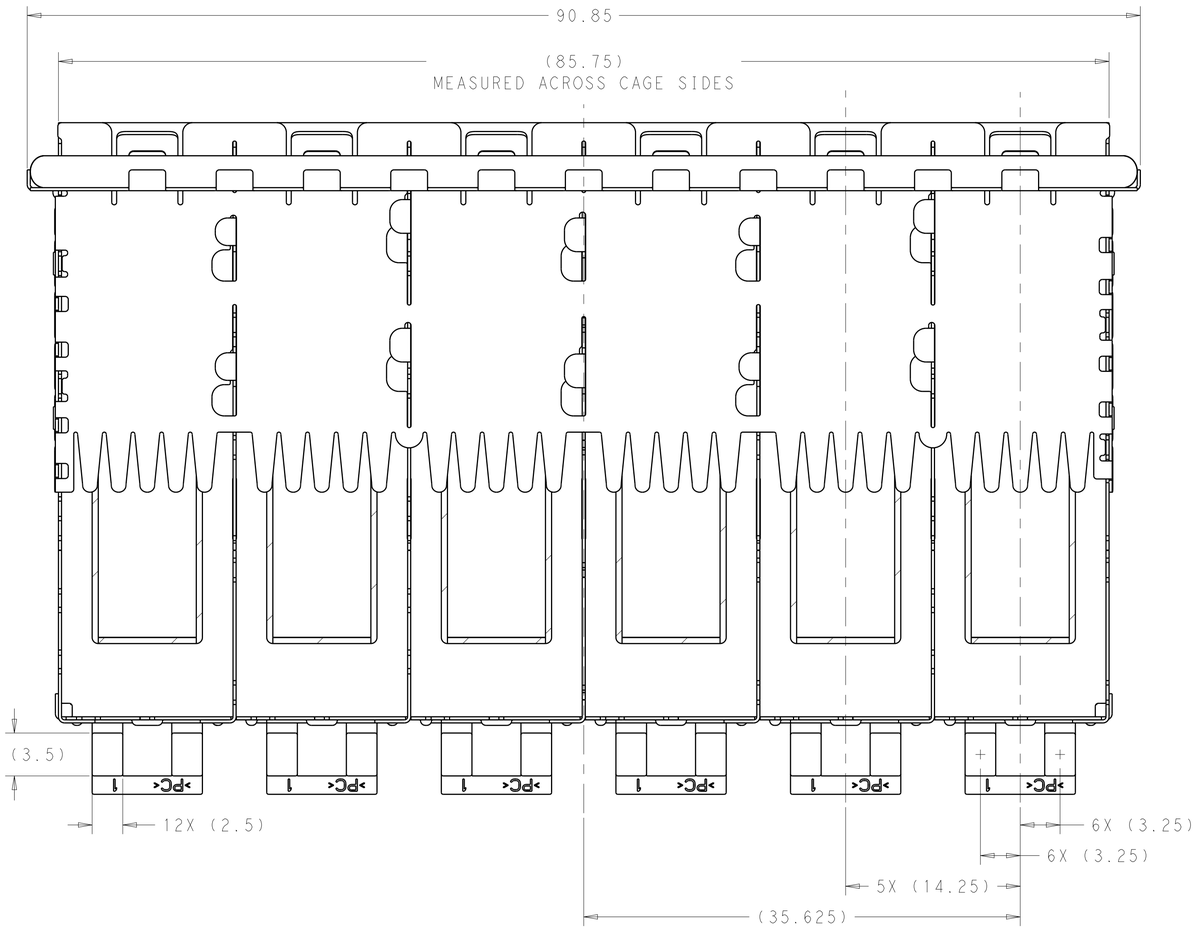
LOC	DIST
GP	00

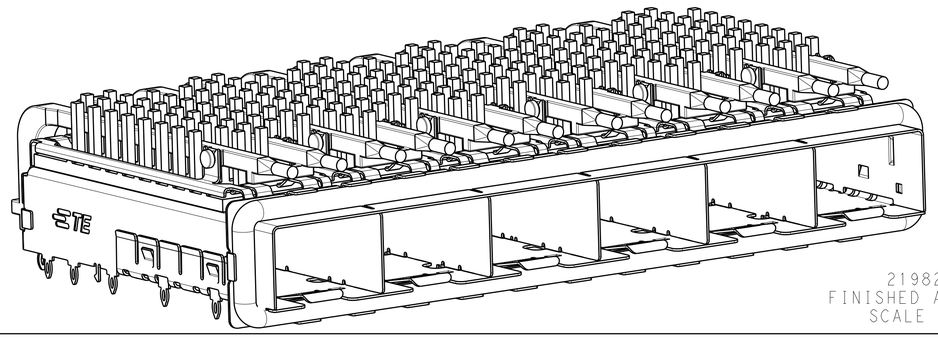
REVISIONS

P	LTR	DESCRIPTION	DATE	DWN	APVD
	A	RELEASED PER ECO-12-013192	06SEP2012	BMM	MRS









2198229
FINISHED ASSEMBLY
SCALE 3:1

1. MATERIAL:
   CAGE ASSEMBLY: NICKEL SILVER ALLOY, 0.25mm THICK.
   GASKET RETENTION PLATE: STAINLESS STEEL
   EMI GASKET: PLATED FILLED SILICONE
   HEATSINK/LIGHTPIPE CLIP: STAINLESS STEEL
   HEATSINK: ALUMINUM
   LIGHTPIPE: PLYCARBONATE, CLEAR

2. FINISH:
   HEATSINK: ELECTROLESS NICKEL
   HEATSINK/LIGHTPIPE CLIP: PASSIVATE

3. PADS AND VIAS CHASSIS GROUND.

4. INTERPRETATION OF DATUM REFERENCE FRAME IN ACCORDANCE WITH SECT 4.4.1.1 OF ASME Y14.5M-1994.

5. MATES WITH SFP MSA COMPLIANT TRANSCEIVERS.

6. HOLE PATTERN REPEATS FOR EACH PORT. SPACING BETWEEN PORTS IS 14.25mm.

7. DATUM AND BASIC DIMENSION ESTABLISHED BY CUSTOMER.

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

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

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

11. CERTAIN MATING TRANCEIVERS MAY REQUIRE ADDITIONAL PCB THICKNESS THAT WOULD BE DETERMINED BY THE CUSTOMER.

12. PRODUCT COMPLIES WITH SPECIFICATION SFF-8433 IMPROVED PLUGGABLE FORM FACTOR FOR SFP+ GANGED CAGES.

13. DIMENSION APPLIES PRIOR TO INSERTION OF SFP MODULE.

14. HEATSINK, HEATSINK CLIP, AND LIGHTPIPE SHIPPED UNASSEMBLED TO CAGE ASSEMBLY. CAGE ASSEMBLY TO BE PRESSED INTO PCB PRIOR TO ATTACHING HEATSINK, HEATSINK CLIP, AND LIGHTPIPE TO THE CAGE ASSEMBLY.

15. PACKAGED AS A COMPLETE ASSEMBLY.

A MAX	APPLICATION	PART NUMBER
22.5	NETWORKING, TALL	2198229-4
18.1	NETWORKING, SHORT	2198229-3
15.5	SAN	2198229-2
13.2	PCI	2198229-1

THIS DRAWING IS A CONTROLLED DOCUMENT.

DIMENSIONS: mm

TOLERANCES UNLESS OTHERWISE SPECIFIED:
0 PLC ±0.1
1 PLC ±0.1
2 PLC ±0.1
3 PLC ±0.1
4 PLC ±0.1
ANGLES ±1°

MATERIAL 1

FINISH 2

DWN B. MATTHEWS 26OCT2011
CHK M. SCHMITT 26OCT2011
APVD M. SCHMITT 26OCT2011

TE Connectivity

PRELIMINARY

PRODUCT SPEC 108-2364
APPLICATION SPEC 114-13120
WEIGHT -

SFP+ ENHANCED 1X6 CAGE ASSEMBLY, PRESS FIT, EMI GASKET WITH HEATSINK AND LIGHTPIPE

SIZE	CAGE CODE	DRAWING NO	RESTRICTED TO
A1	00779	C-2198229	-

CUSTOMER DRAWING | SCALE 4:1 | SHEET 1 OF 3 | REV A

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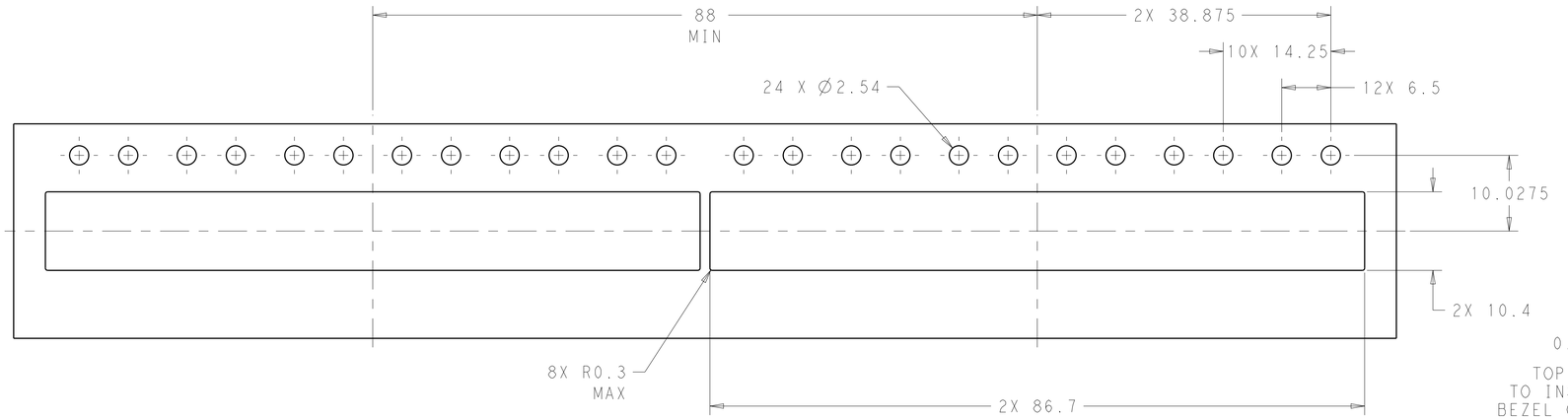
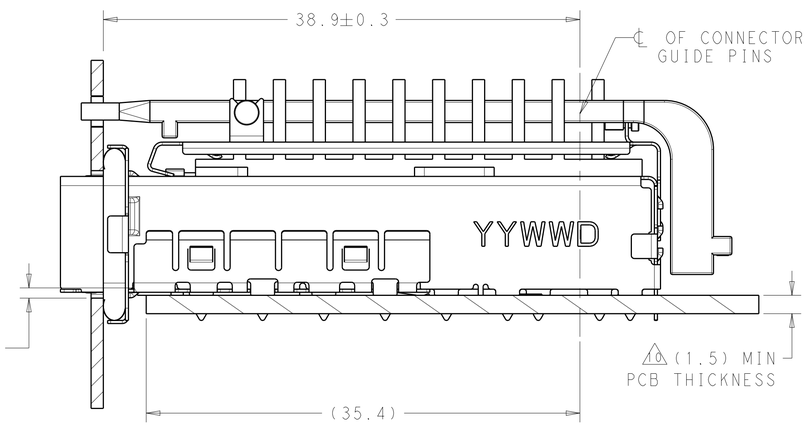
LOC	DIST
GP	00

REVISIONS

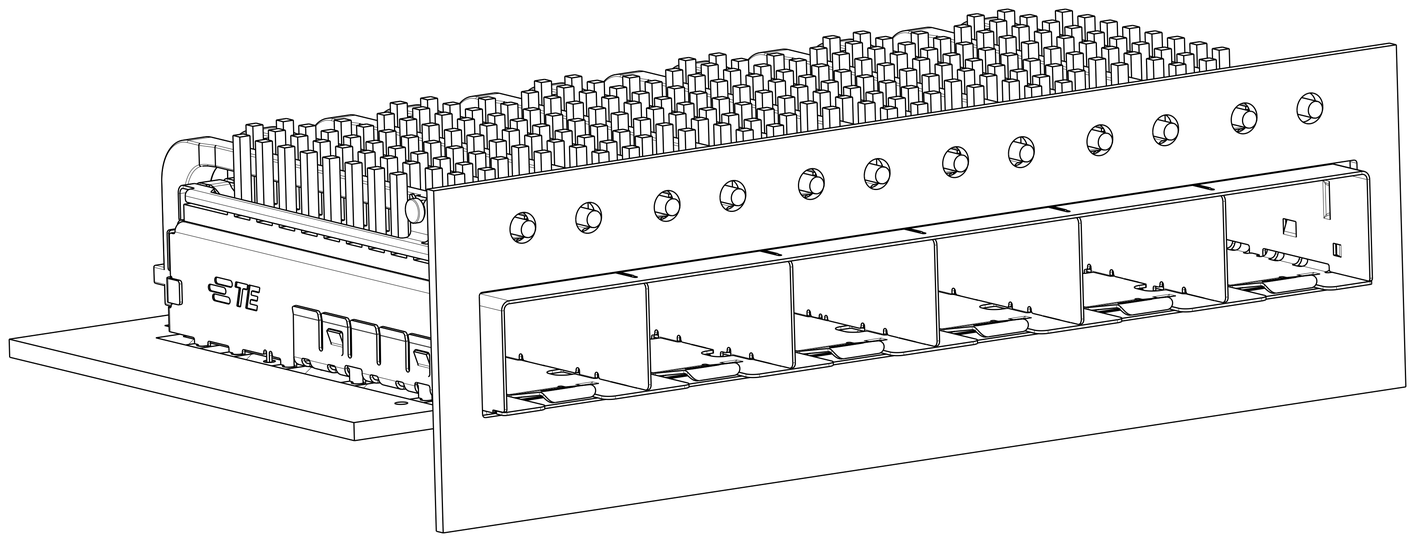
P	LTR	DESCRIPTION	DATE	DWN	APVD
	-	SEE SHEET 1	-	-	-



RECOMMENDED BEZEL CUT-OUT
SINGLE SIDED APPLICATIONS
SCALE 5:2



2198229
MOUNTED ON PC BOARD
SHOWN THRU RECOMMENDED BEZEL



2198229
MOUNTED ON PCB
SHOWN THRU RECOMMENDED BEZEL

THIS DRAWING IS A CONTROLLED DOCUMENT.

DIMENSIONS: mm

TOLERANCES UNLESS OTHERWISE SPECIFIED:
0 PLC ±0.1
1 PLC ±0.1
2 PLC ±0.1
3 PLC ±0.1
4 PLC ±0.1
ANGLES ±1°

MATERIAL 1

FINISH 2

DWN B. MATTHEWS 26OCT2011
CHK M. SCHMITT 26OCT2011
APVD M. SCHMITT 26OCT2011

TE Connectivity

NAME SFP+ ENHANCED 1X6 CAGE ASSEMBLY, PRESS FIT, EMI GASKET WITH HEATSINK AND LIGHTPIPE

PRODUCT SPEC 108-2364
APPLICATION SPEC 114-13120
WEIGHT -

SIZE	CAGE CODE	DRAWING NO	RESTRICTED TO
A1	00779	C-2198229	-

CUSTOMER DRAWING

SCALE 4:1 SHEET 2 OF 3 REV A

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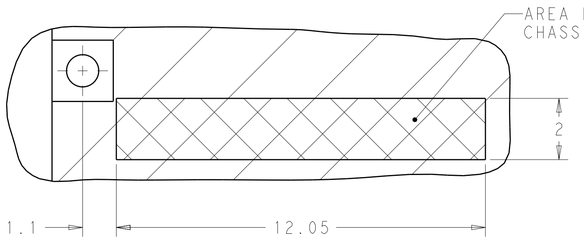
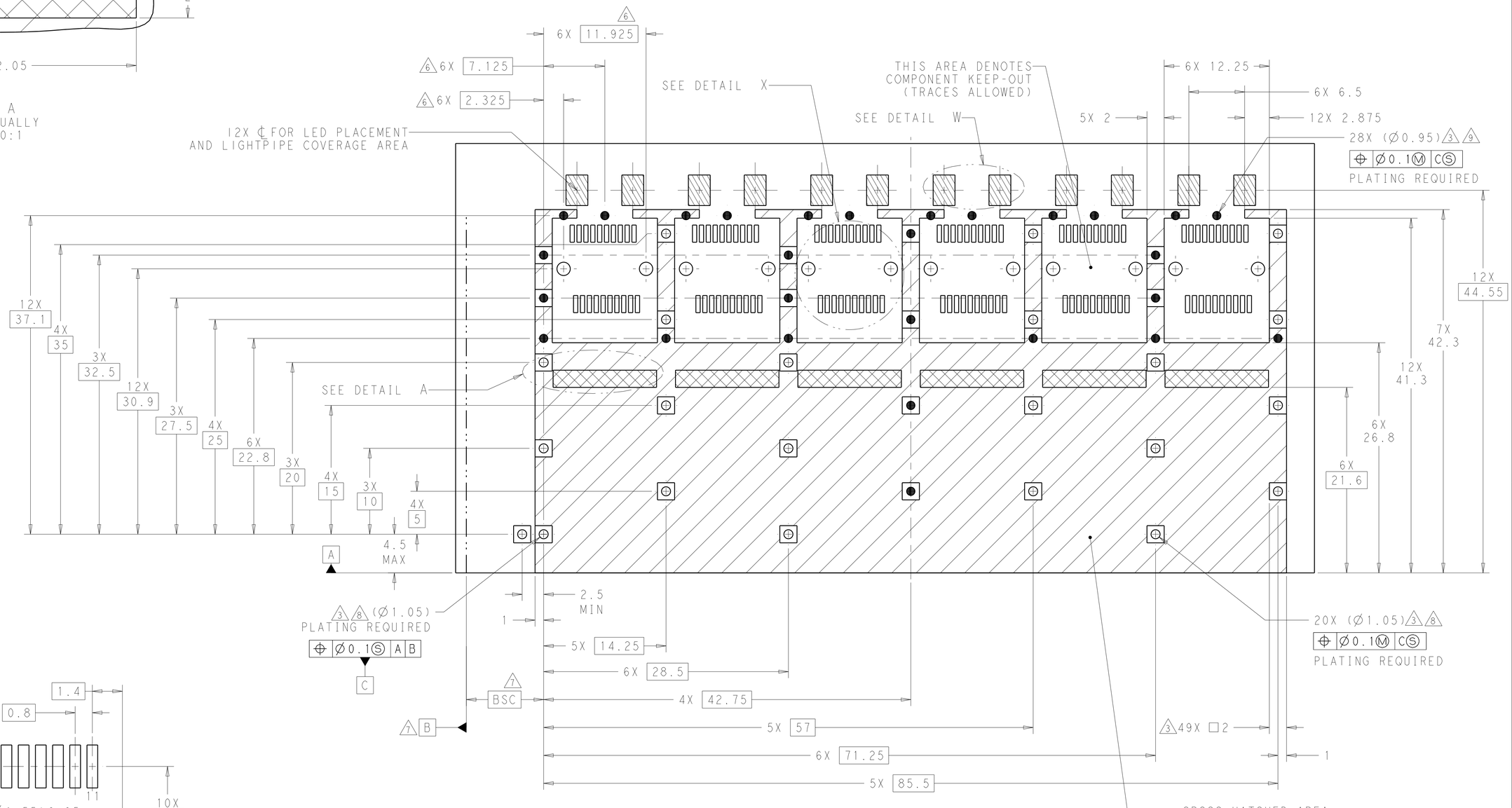
LOC	DIST
GP	00

REVISIONS

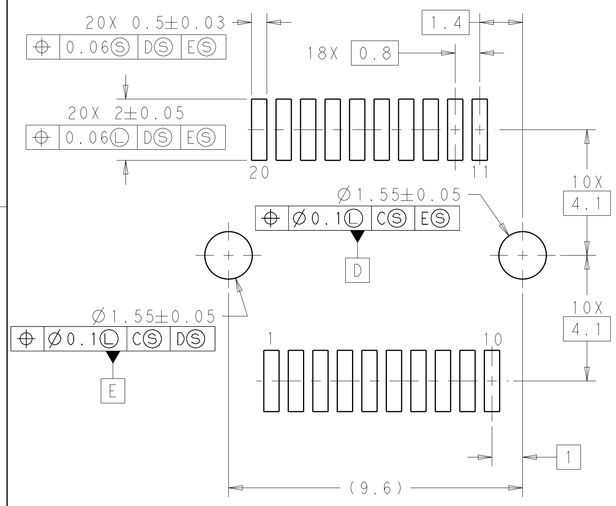
P	LTR	DESCRIPTION	DATE	DWN	APVD
	-	SEE SHEET 1	-	-	-



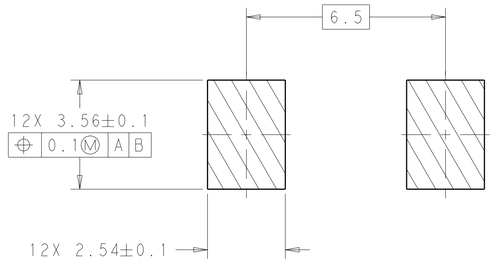
DETAIL A
6X INDIVIDUALLY
SCALE 10:1



RECOMMENDED PCB CONFIGURATION
WITH KEEP-OUT AREAS
SINGLE SIDED APPLICATIONS
SCALE 4:1 10



DETAIL X
RECOMMENDED PT CONNECTOR LAYOUT
6X INDIVIDUALLY
SCALE 10:1



DETAIL W
SCALE 10:1

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DIMENSIONS: mm

TOLERANCES UNLESS OTHERWISE SPECIFIED:
0 PLC ±0.1
1 PLC ±0.1
2 PLC ±0.1
3 PLC ±0.1
4 PLC ±0.1
ANGLES ±1°

MATERIAL 1

FINISH 2

DWN	B MATTHEWS	26OCT2011
CHK	M SCHMITT	26OCT2011
APVD	M SCHMITT	26OCT2011

TE Connectivity

NAME: SFP+ ENHANCED 1X6 CAGE ASSEMBLY, PRESS FIT, EMI GASKET WITH HEATSINK AND LIGHTPIPE

PRODUCT SPEC: 108-2364
APPLICATION SPEC: 114-13120
WEIGHT: -

SIZE	CAGE CODE	DRAWING NO	RESTRICTED TO
A1	00779	C-2198229	-

CUSTOMER DRAWING | SCALE 4:1 | SHEET 3 OF 3 | REV A