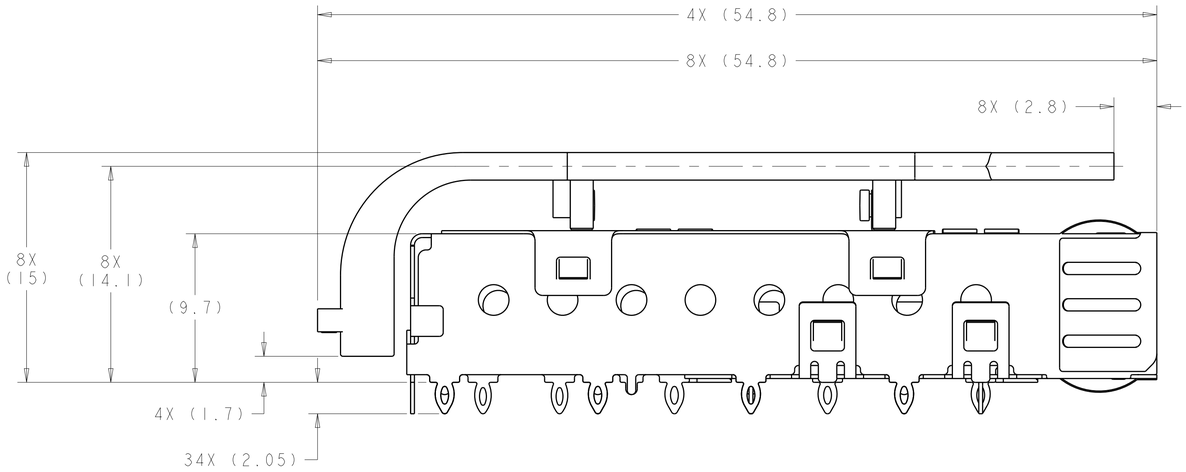
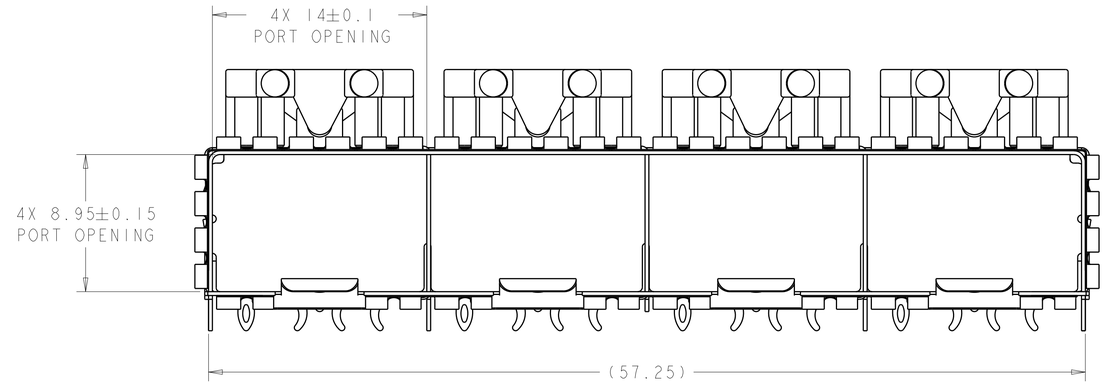
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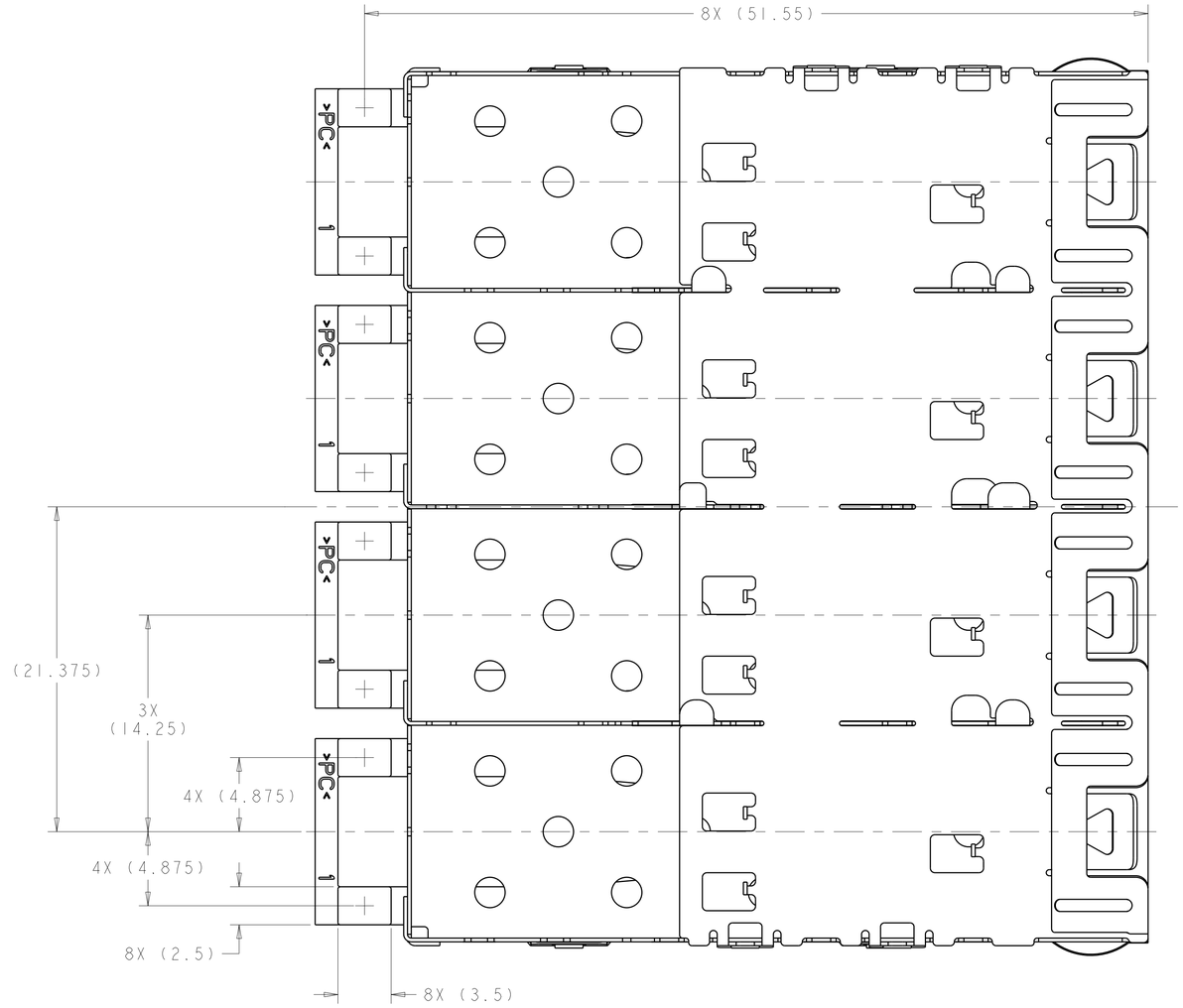
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GP	00

REVISIONS

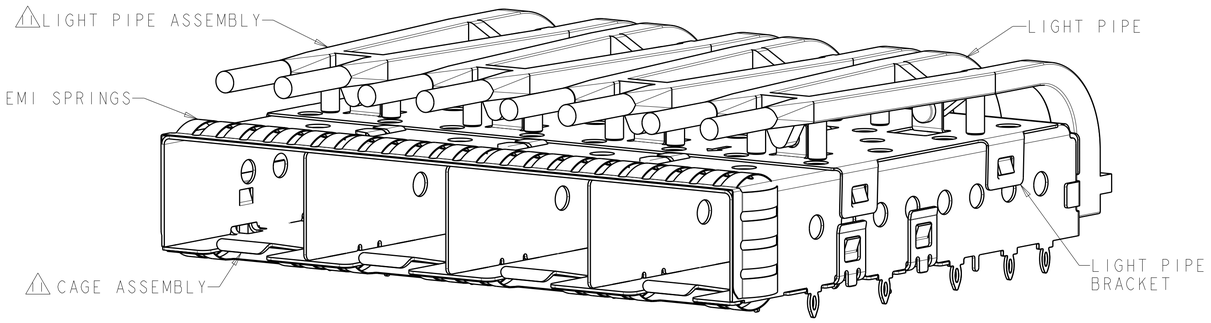
P	LTR	DESCRIPTION	DATE	DWN	APVD
	A	RELEASED PER ECO-14-000529	14JAN2014	JZ	SH







1. MATERIAL:
   CAGE ASSEMBLY: NICKEL SILVER ALLOY
   EMI SPRINGS: COPPER ALLOY
   LIGHT PIPE BRACKET: STAINLESS STEEL
   LIGHT PIPE: POLYCARBONATE, CLEAR
2. FINISH:
   SPRINGS: MINIMUM OF 0.8um TIN PLATE OVER A MINIMUM OF 0.8um NICKEL UNDERPLATE.
   NON-PLATED EDGES PERMISSIBLE.
3. PADS AND VIAS CHASSIS GROUND.
4. DATUM AND BASIC DIMENSION ESTABLISHED BY CUSTOMER.
5. MATES WITH SFP MSA COMPLIANT TRANSCEIVERS.
6. INTERPRETATION OF DATUM REFERENCE FRAME IN ACCORDANCE WITH SECT 4.4.1.1 OF ASME Y14.5M-1994.
7. REFFERENCE APPLICATION SPEC. 114-13120, HOLE A, FOR RECOMMENDED DRILL HOLE DIAMETER AND PLATING THICKNESS.
8. REFFERENCE APPLICATION SPEC. 114-13120, HOLE B, FOR RECOMMENDED DRILL HOLE DIAMETER AND PLATING THICKNESS.
9. HOLE PATTERN REPEATS FOR EACH PORT. SPACING BETWEEN PORTS IS 14.25mm.
10. MINIMUM PC BOARD THICKNESS:
    SINGLE SIDED = 1.5mm
    DOUBLE SIDED = 2.25mm
11. LIGHT PIPE ASSEMBLY SHIPPED UNASSEMBLED TO CAGE ASSEMBLY. CAGE ASSEMBLY TO BE PRESSED INTO THE PCB PRIOR TO ATTACHING THE LIGHT PIPE ASSEMBLY TO THE CAGE.
12. CERTAIN MATING TRANSCEIVERS MAY REQUIRE ADDITIONAL PCB THICKNESS THAT WOULD NEED TO BE DETERMINED BY THE CUSTOMER.



2110069-1
SCALE 4:1

2110069-1
PART NUMBER

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°0'

MATERIAL 1

FINISH 2

DWN	Z.M.BEAM	16JAN2009
CHK	M.R.SCHMITT	16JAN2009
APVD	R.H.WERTZ	16JAN2009

TE Connectivity

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

SFP+ 1X4 CAGE ASSEMBLY
PRESS-FIT, EXTERNAL EMI SPRINGS
W/ REDUCED LENGTH LIGHT PIPE

PRELIMINARY

SIZE	CAGE CODE	DRAWING NO	RESTRICTED TO
A1	00779	C-2110069	-

Customer Drawing | SCALE 5:1 | SHEET 1 OF 4 | REV A

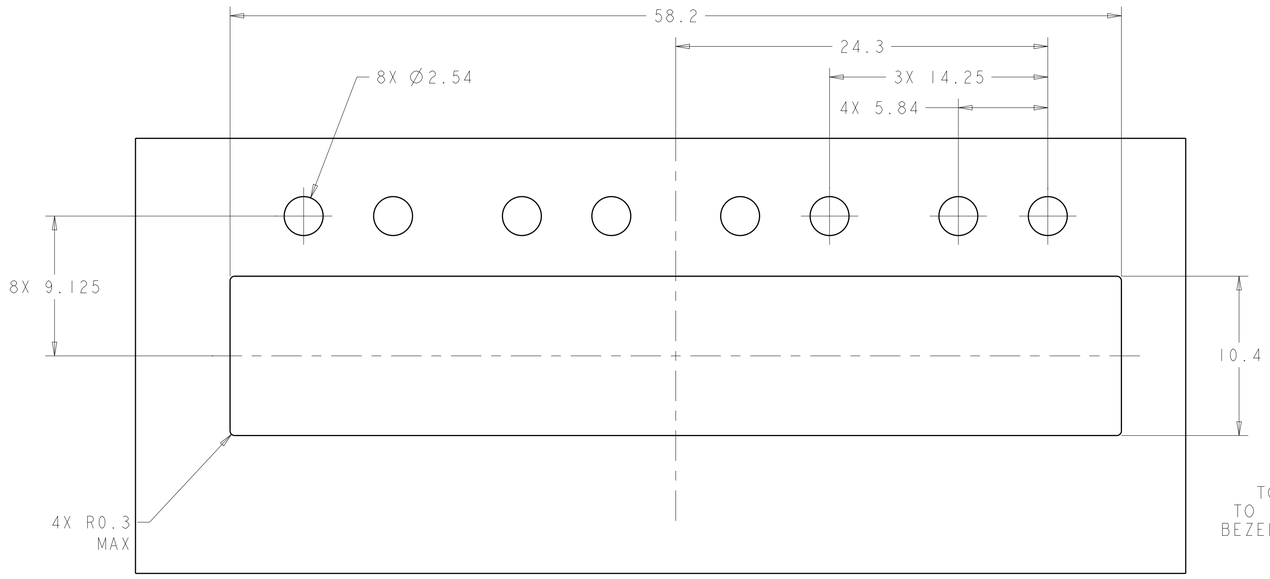
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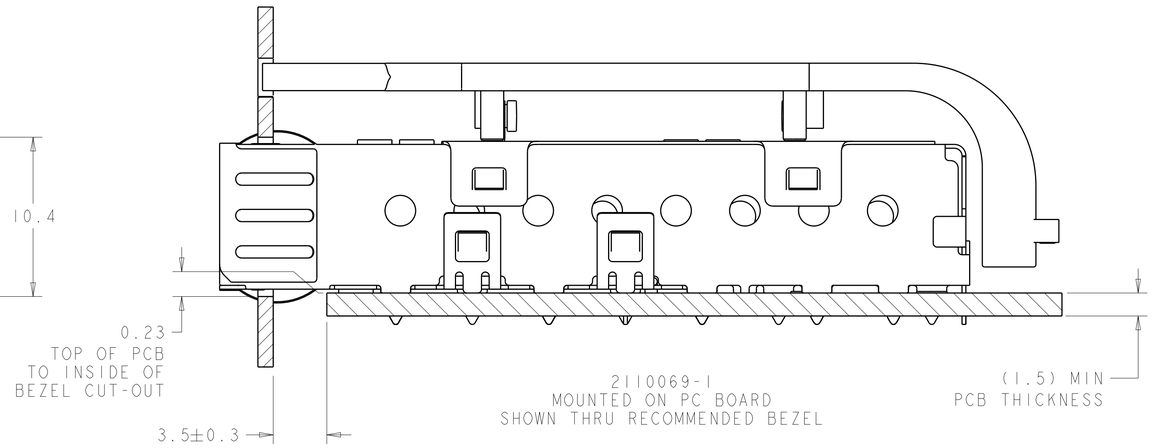
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GP	00

REVISIONS

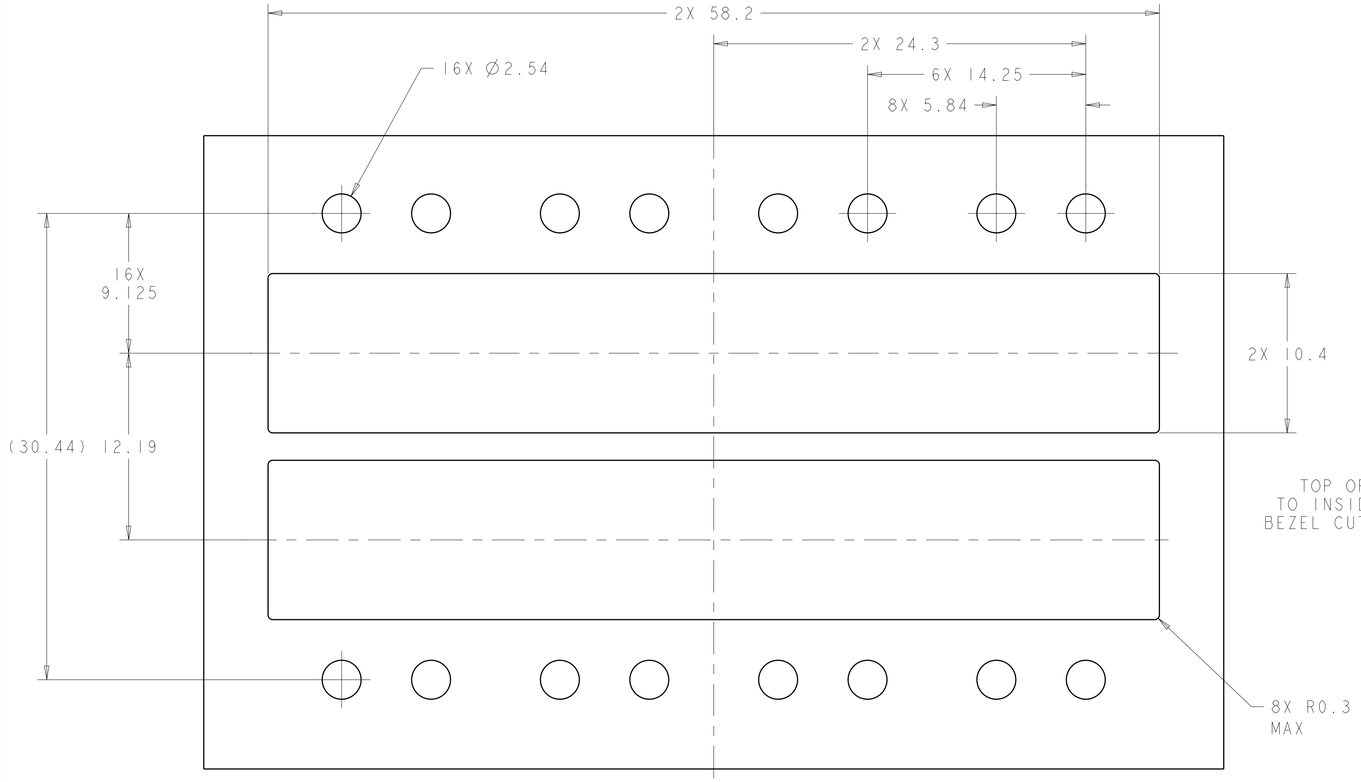
P	LTR	DESCRIPTION	DATE	DWN	APVD
	-	SEE SHEET 1	-	-	-



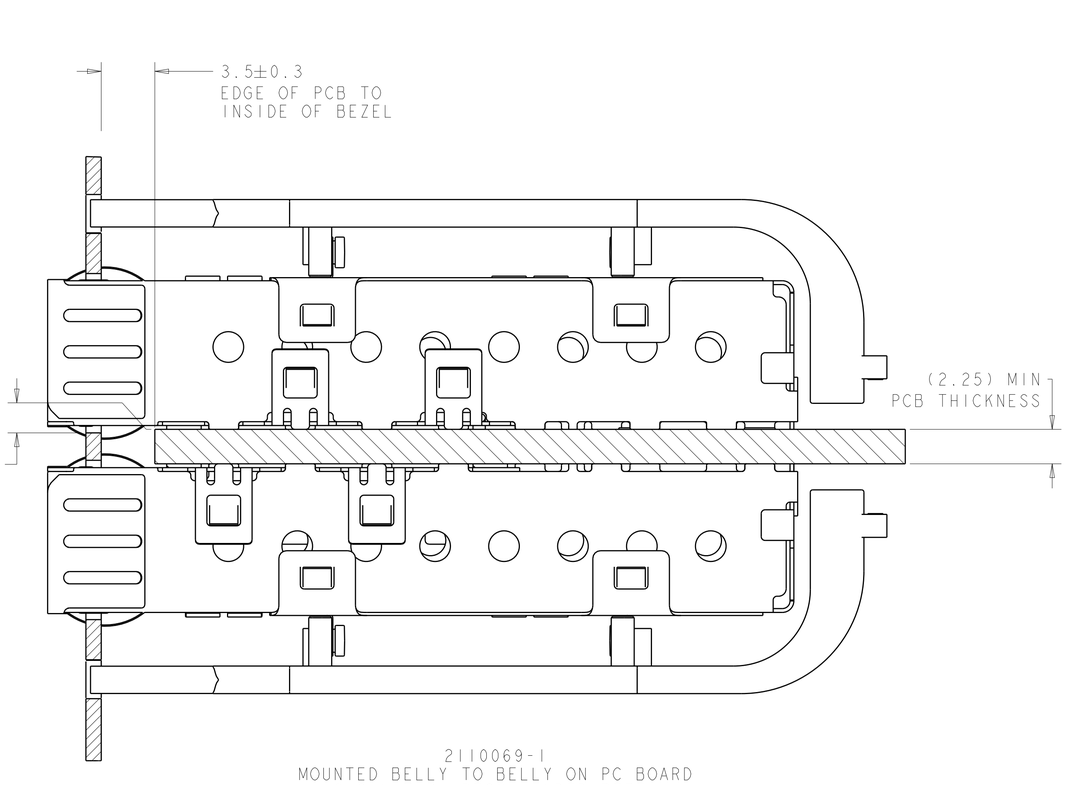
RECOMMENDED BEZEL CUT-OUT
SINGLE SIDED APPLICATIONS



2110069-1
MOUNTED ON PC BOARD
SHOWN THRU RECOMMENDED BEZEL



RECOMMENDED BEZEL CUT-OUT
BELLY TO BELLY APPLICATIONS



2110069-1
MOUNTED BELLY TO BELLY ON PC BOARD
SHOWN THRU RECOMMENDED BEZEL

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DIMENSIONS: mm

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0 PLC ±0.1
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2 PLC ±0.1
3 PLC ±0.1
4 PLC ±0.1
ANGLES ±1°0'

MATERIAL -
FINISH -

DWN Z.M.REAM 16JAN2009
CHK M.R.SCHMITT 16JAN2009
APVD R.H.WERTZ 16JAN2009
PRODUCT SPEC 108-2364
APPLICATION SPEC 114-13120
WEIGHT -

TE Connectivity

NAME SFP+ 1X4 CAGE ASSEMBLY
PRESS-FIT, EXTERNAL EMI SPRINGS
W/ REDUCED LENGTH LIGHT PIPE

SIZE	CAGE CODE	DRAWING NO	RESTRICTED TO
A1	00779	C-2110069	-

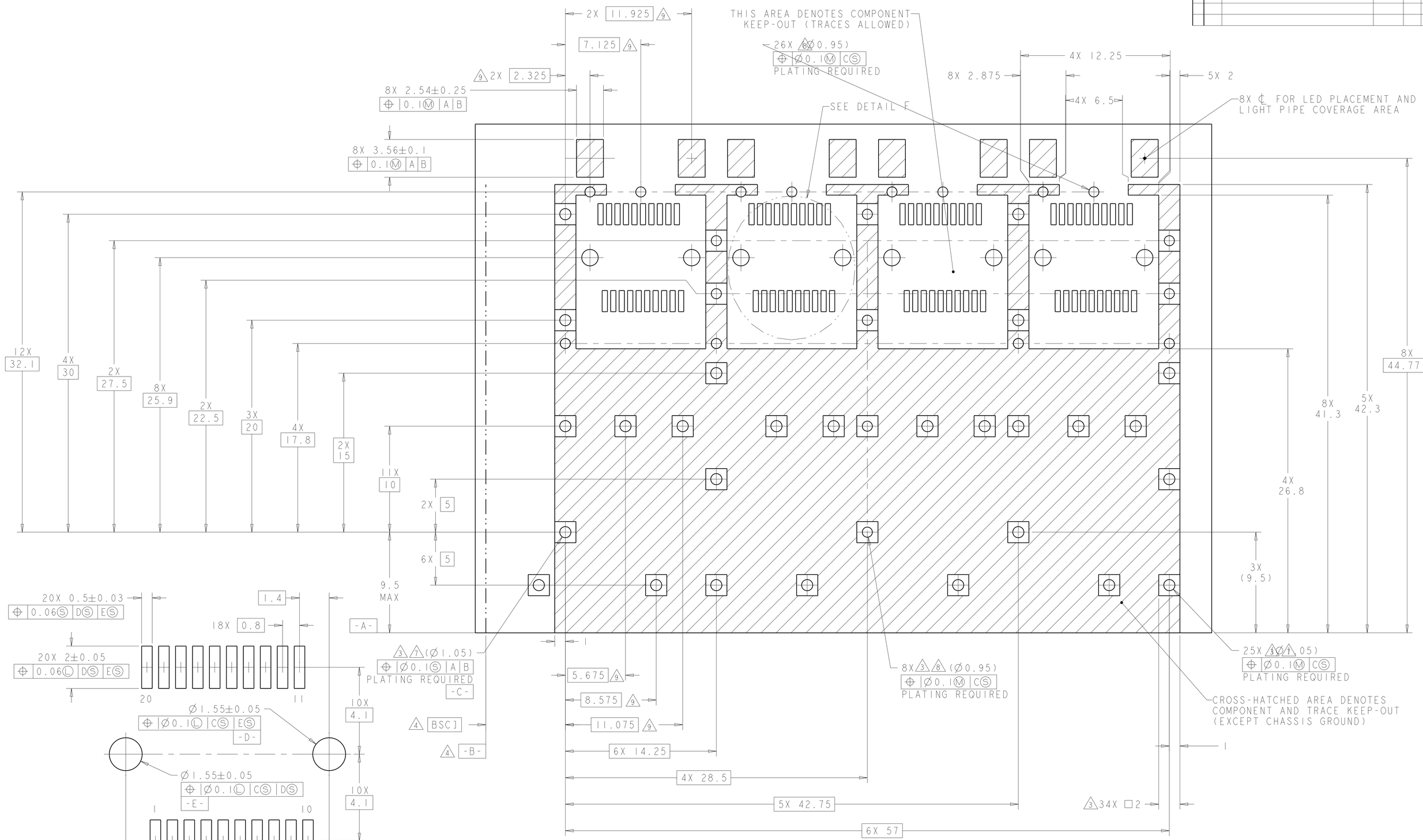
Customer Drawing | SCALE 5:1 | SHEET 2 OF 4 | REV A

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LOC	DIST
GP	00

REVISIONS

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



DETAIL F
RECOMMENDED PT CONNECTOR LAYOUT
4X INDIVIDUALLY
SCALE 12:1

RECOMMENDED PCB CONFIGURATION
WITH KEEP-OUT AREAS
SINGLE SIDED APPLICATIONS (10)
SCALE 6:1

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°0'

MATERIAL - -

FINISH - -

DWN	Z.M.REAM	16JAN2009
CHK	M.R.SCHMITT	16JAN2009
APVD	R.H.WERTZ	16JAN2009

TE Connectivity

NAME: SFP+ 1X4 CAGE ASSEMBLY PRESS-FIT, EXTERNAL EMI SPRINGS W/ REDUCED LENGTH LIGHT PIPE

PRODUCT SPEC: 108-2364

APPLICATION SPEC: 114-13120

WEIGHT: -

SIZE	CAGE CODE	DRAWING NO	RESTRICTED TO
A1	00779	C-2110069	-

Customer Drawing

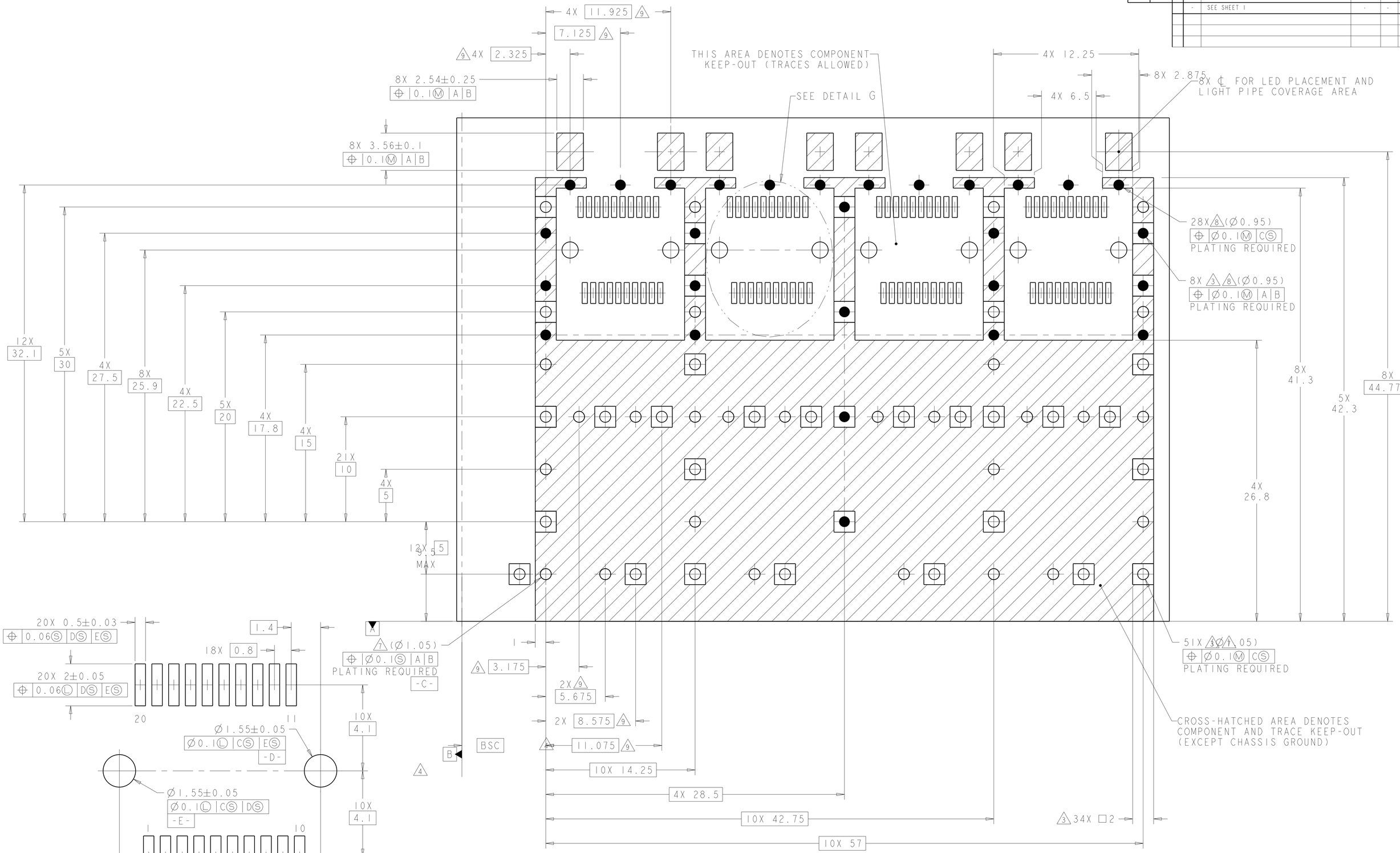
SCALE 5:1 SHEET 3 OF 4 REV A

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LOC	DIST
GP	00

REVISIONS

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



RECOMMENDED PCB CONFIGURATION
WITH KEEP-OUT AREAS
BELLY TO BELLY APPLICATIONS [10]
SCALE 6:1

DETAIL G
RECOMMENDED PT CONNECTOR LAYOUT
8X INDIVIDUALLY
SCALE 12:1

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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°0'

MATERIAL -
FINISH -

DWN Z.M.REAM 16JAN2009
CHK J.M.R.SCHMITT 16JAN2009
APVD R.H.WERTZ 16JAN2009
PRODUCT SPEC 108-2364
APPLICATION SPEC 114-13120
WEIGHT -

TE Connectivity

NAME SFP+ 1X4 CAGE ASSEMBLY
PRESS-FIT, EXTERNAL EMI SPRINGS
W/ REDUCED LENGTH LIGHT PIPE

SIZE	CAGE CODE	DRAWING NO	RESTRICTED TO
A1	00779	C-2110069	-

Customer Drawing | SCALE 5:1 | SHEET 4 OF 4 | REV A