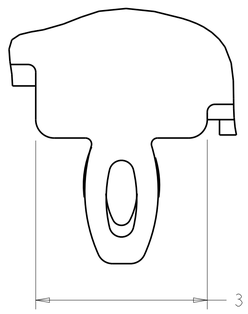
LOC	DIST
GP	00

REVISIONS

P	LTR	DESCRIPTION	DATE	DWN	APVD
	D	REVISED PER ECO-12-005533	23MAR2012	JY	AC
	E	REVISED PER ECO-14-012115	6AUG2014	RG	MC
	F	REVISED PER ECO-14-017735	3DEC2014	RG	MC
	F1	REVISED PER ECO-21-000707	19JAN2021	SH	SZ



DETAIL S (12)
SCALE 20:1

(1) MATERIALS:
CAGE ASSEMBLY: NICKEL SILVER, 0.25 THICK
EMI SPRINGS: COPPER ALLOY
FRONT FLANGE: ZINC ALLOY
HEAT SINK: ALUMINUM/NICKEL PLATING
HEAT SINK CLIP: STAINLESS STEEL

(2) PITCH BETWEEN PORTS OF ONE 1X3 CAGE ASSEMBLY.

(3) SPACING BETWEEN CAGES ON THE SAME PC BOARD, TO BE SPECIFIED BY CUSTOMER, MUST COMPLY WITH MINIMUM DIMENSIONS SHOWN.

(4) REFERENCE APPLICATION SPEC 114-13218 FOR RECOMMENDED DRILL HOLE DIAMETER AND PLATING THICKNESS.

(5) DATUMS AND BASIC DIMENSIONS ESTABLISHED BY CUSTOMER.

(6) DIMENSION C IS THE NOMINAL THICKNESS OF CUSTOMER SUPPLIED PC BOARD.
MINIMUM SINGLE SIDED PC BOARD THICKNESS: 1.45mm
MINIMUM DOUBLE SIDED PC BOARD THICKNESS: 2.2mm PER QSFP

(7) HEAT SINKS AND CLIPS SHIPPED ASSEMBLED TO CAGE ASSEMBLY. CAGE ASSEMBLY MAY BE PRESSED INTO THE PCB AS SHIPPED.

(8) DATUM -A- IS TOP SURFACE OF PC BOARD.

(9) DIMENSION APPLIES WITH MODULE INSERTED IN CAGE.

(10) UNPLATED THRU HOLE.

11. MATES WITH QSFP MSA COMPATIBLE TRANSCEIVER.

(12) SURFACE TRACES PERMITTED WITHIN THIS AREA EXCEPT WHERE CAGE STANDOFFS, SHOWN IN DETAIL S, CONTACT PC BOARD.

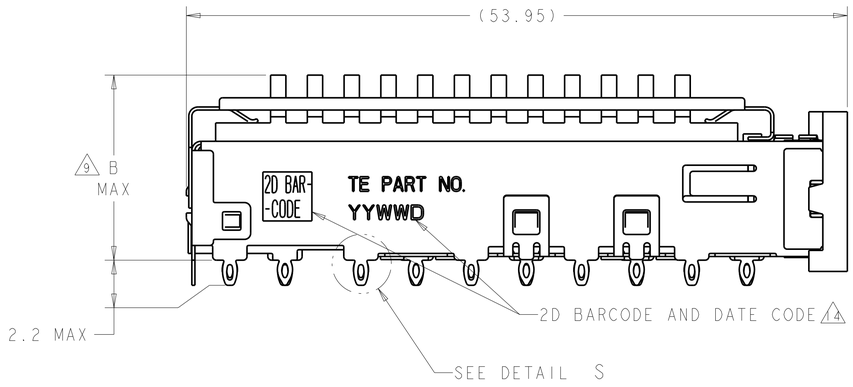
(13) BASELINE FOR THESE DIMENSIONS IS THE CENTER OF COMPLIANT PIN HOLE.

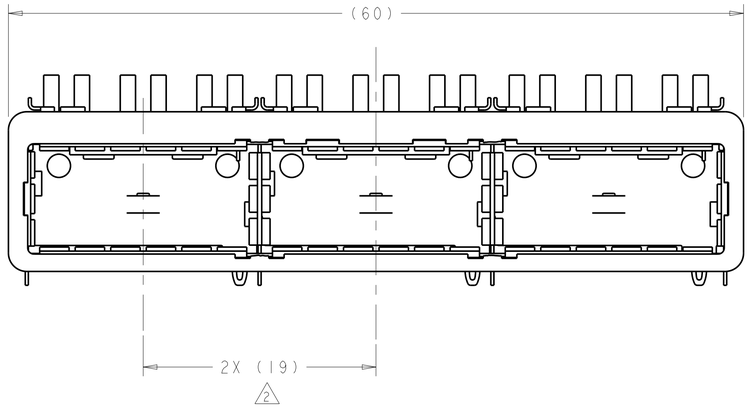
(14) 2D BARCODE AND DATE CODE (YYWWD) MARKED ON SIDE OF CAGE.

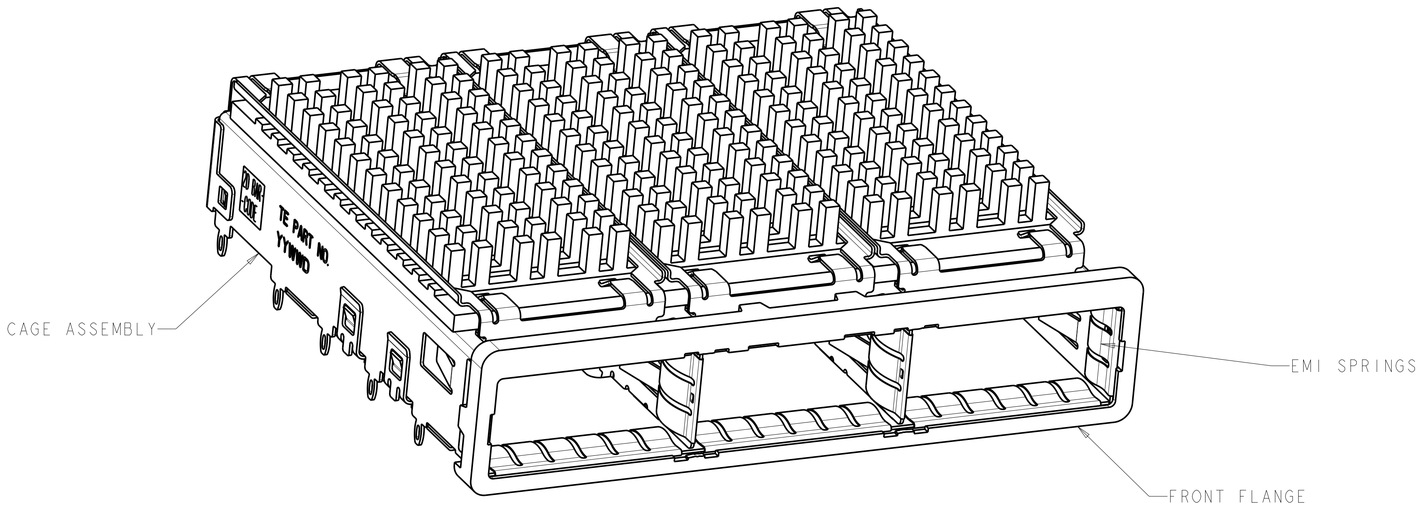
(15) REFERENCE APP SPEC 114-13218 FOR GASKET THICKNESS CALCULATION.

(16) FINISH:
EMI SPRINGS: 2µm MINIMUM TIN
FRONT FLANGE: 3µm MINIMUM TIN OVER 1.27µm MINIMUM NICKEL OVER 5.08µm MINIMUM COPPER

(17) FINISH:
HEAT SINK: ANODIZED BLACK.







(17)		
16.8	CUSTOMERIZED	2007456-4
23.0	NETWORKING	2007456-3
16.0	SAN	2007456-2
13.7	PCI	2007456-1
B	HEAT SINK PROFILE	PART NUMBER

THIS DRAWING IS A CONTROLLED DOCUMENT.

DIMENSIONS: mm

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

MATERIAL (1)
FINISH (16)

DWN C. VALENTINE 07NOV2007
CHK E. BRIGHT 07NOV2007
APVD E. BRIGHT 07NOV2007
PRODUCT SPEC 108-2286
APPLICATION SPEC 114-13218
WEIGHT -

TE Connectivity

NAME 1X3 CAGE ASSEMBLY, BEHIND BEZEL, W/ HEAT SINKS, QSFP
-

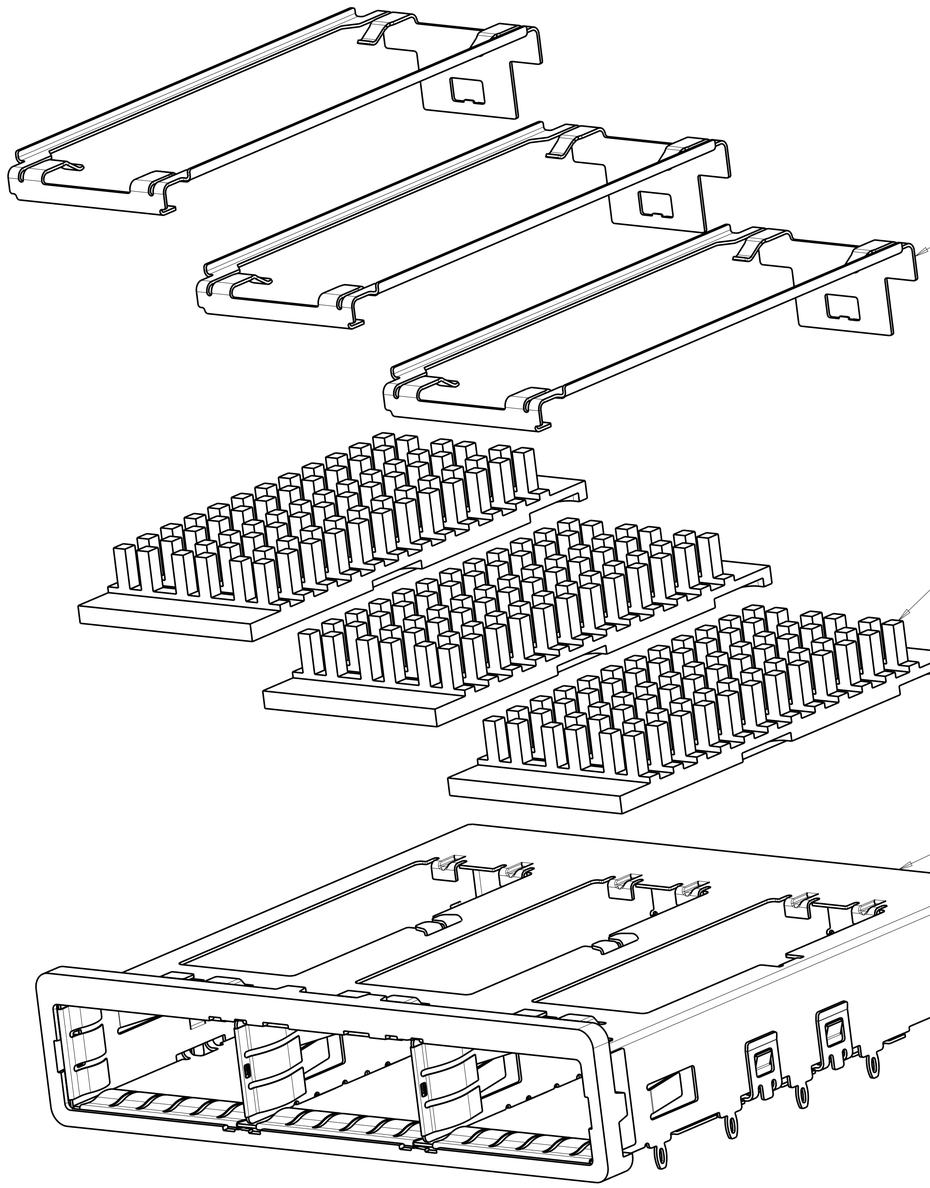
SIZE	CAGE CODE	DRAWING NO	RESTRICTED TO
A1	00779	C-2007456	

CUSTOMER DRAWING | SCALE 4:1 | SHEET 1 OF 5 | REV F1

LOC	DIST
GP	00

REVISIONS

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



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DIMENSIONS: mm

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

MATERIAL -
FINISH -

DWN C. VALENTINE 07NOV2007
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PRODUCT SPEC 108-2286
APPLICATION SPEC 114-13218
WEIGHT -

TE Connectivity

NAME 1X3 CAGE ASSEMBLY, BEHIND BEZEL, W/ HEAT SINKS, QSFP
-

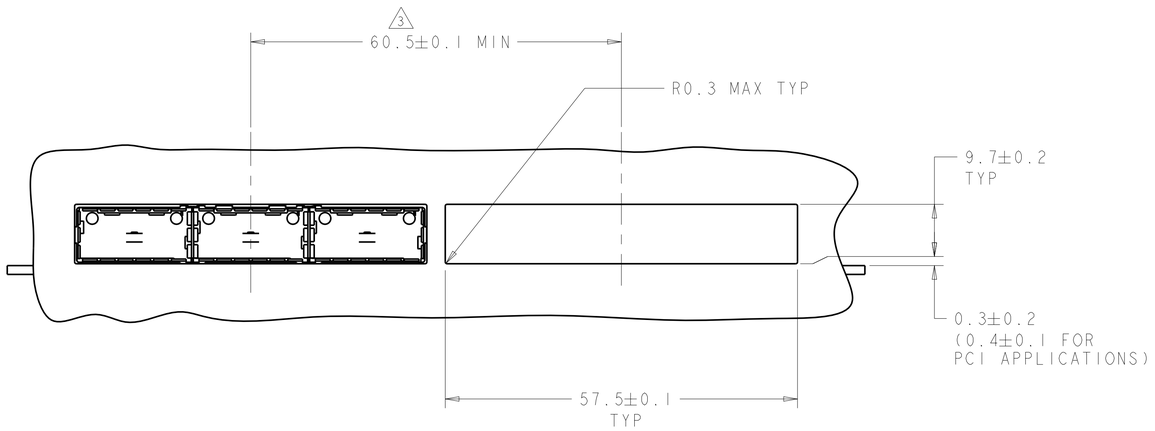
SIZE	CAGE CODE	DRAWING NO	RESTRICTED TO
A1	00779	C-2007456	

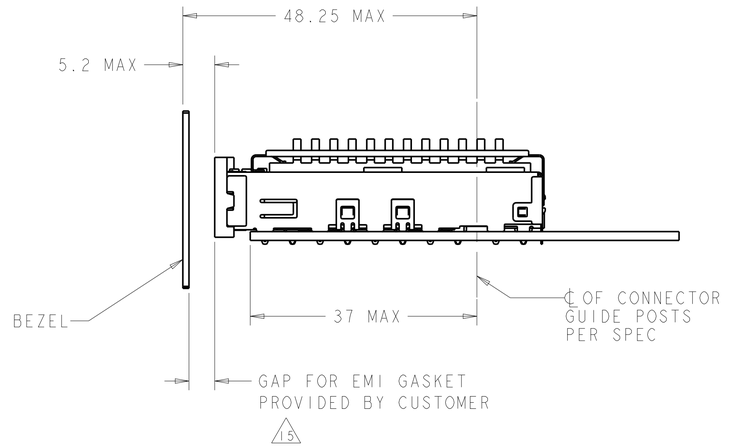
CUSTOMER DRAWING | SCALE 4:1 | SHEET 2 OF 5 | REV F1

LOC	DIST
GP	00

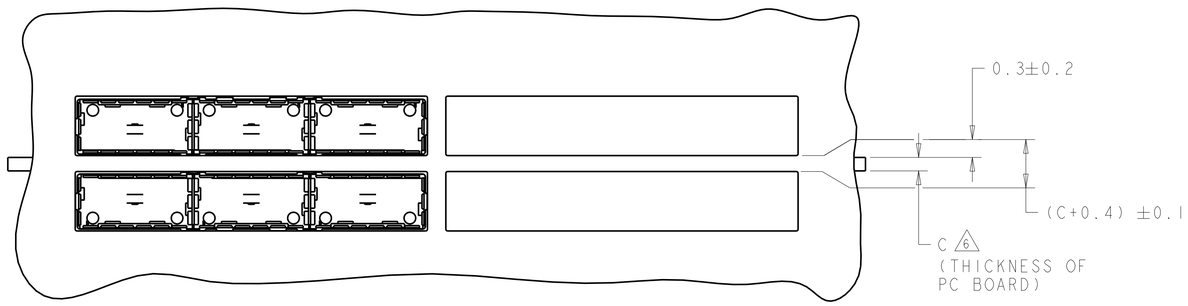
REVISIONS

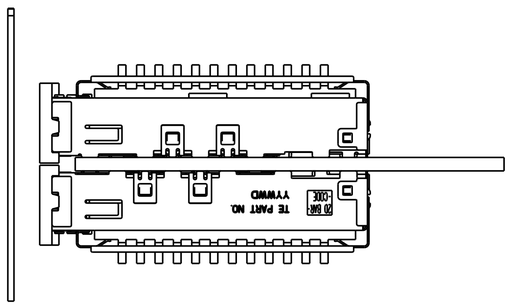
P	LTR	DESCRIPTION	DATE	DWN	APVD
	-	SEE SHEET 1	-	-	-





ONE SIDED CONFIGURATION
SCALE 2:1





BELLY TO BELLY CONFIGURATION SIMILAR
TO ONE SIDED EXCEPT WHERE NOTED
SCALE 2:1

THIS DRAWING IS A CONTROLLED DOCUMENT.

DIMENSIONS: mm

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

MATERIAL - -
FINISH - -

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PRODUCT SPEC 108-2286
APPLICATION SPEC 114-13218
WEIGHT -

TE Connectivity

NAME IX3 CAGE ASSEMBLY, BEHIND BEZEL, W/ HEAT SINKS, OSFP -

SIZE	CAGE CODE	DRAWING NO	RESTRICTED TO
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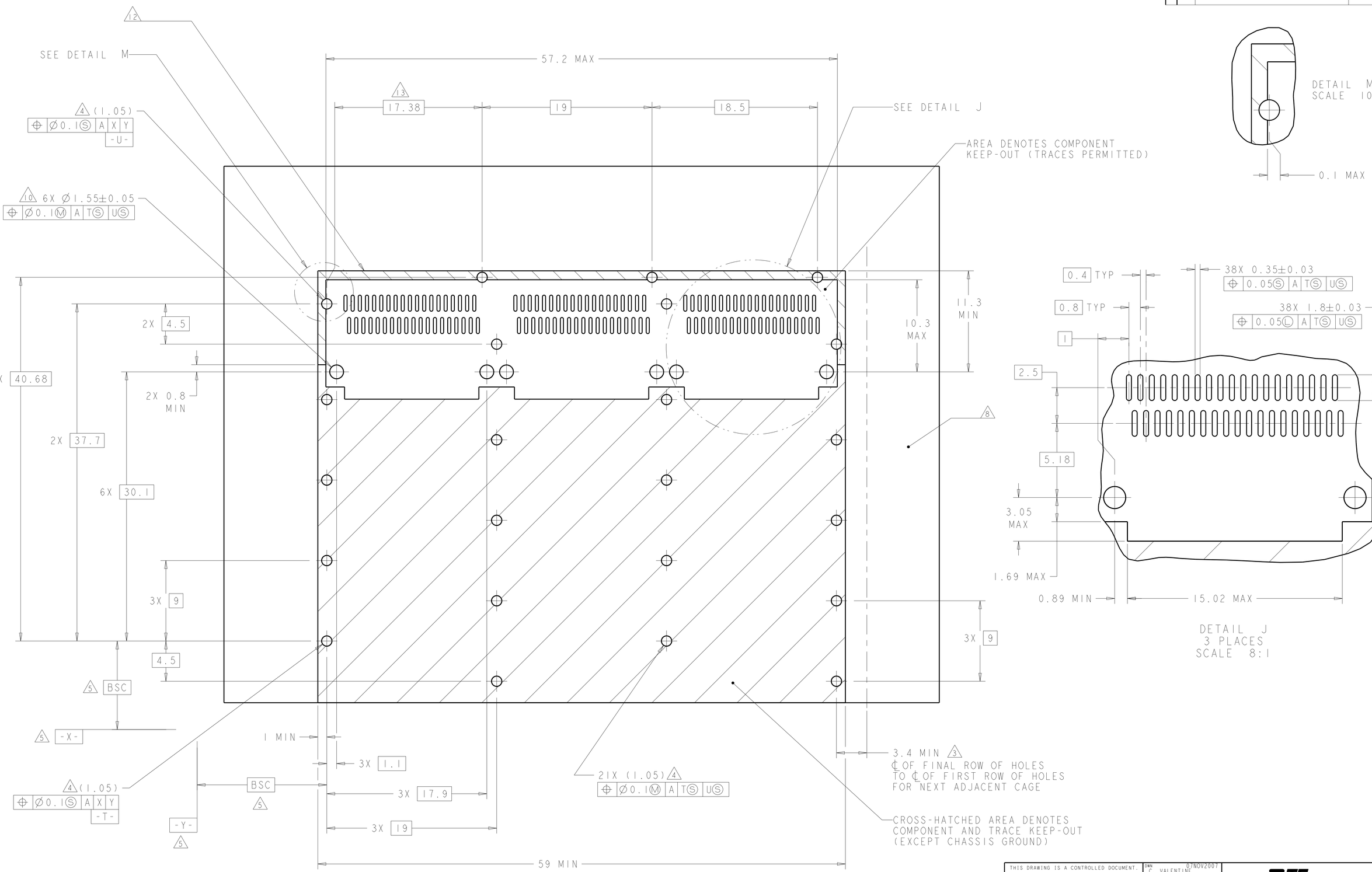
CUSTOMER DRAWING | SCALE 4:1 | SHEET 3 OF 5 | REV F1

LOC	DIST
GP	00

REVISIONS

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



RECOMMENDED PC BOARD LAYOUT
SINGLE SIDE MOUNT CONFIGURATION
SCALE 5:1

DETAIL M
SCALE 10:1

DETAIL J
3 PLACES
SCALE 8:1

THIS DRAWING IS A CONTROLLED DOCUMENT.

DIMENSIONS: mm

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

MATERIAL - -
FINISH - -

DWN C. VALENTINE 07NOV2007
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APPLICATION SPEC 114-13218
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TE Connectivity

NAME 1X3 CAGE ASSEMBLY, BEHIND BEZEL, W/ HEAT SINKS, OSFP -

SIZE	CAGE CODE	DRAWING NO	RESTRICTED TO
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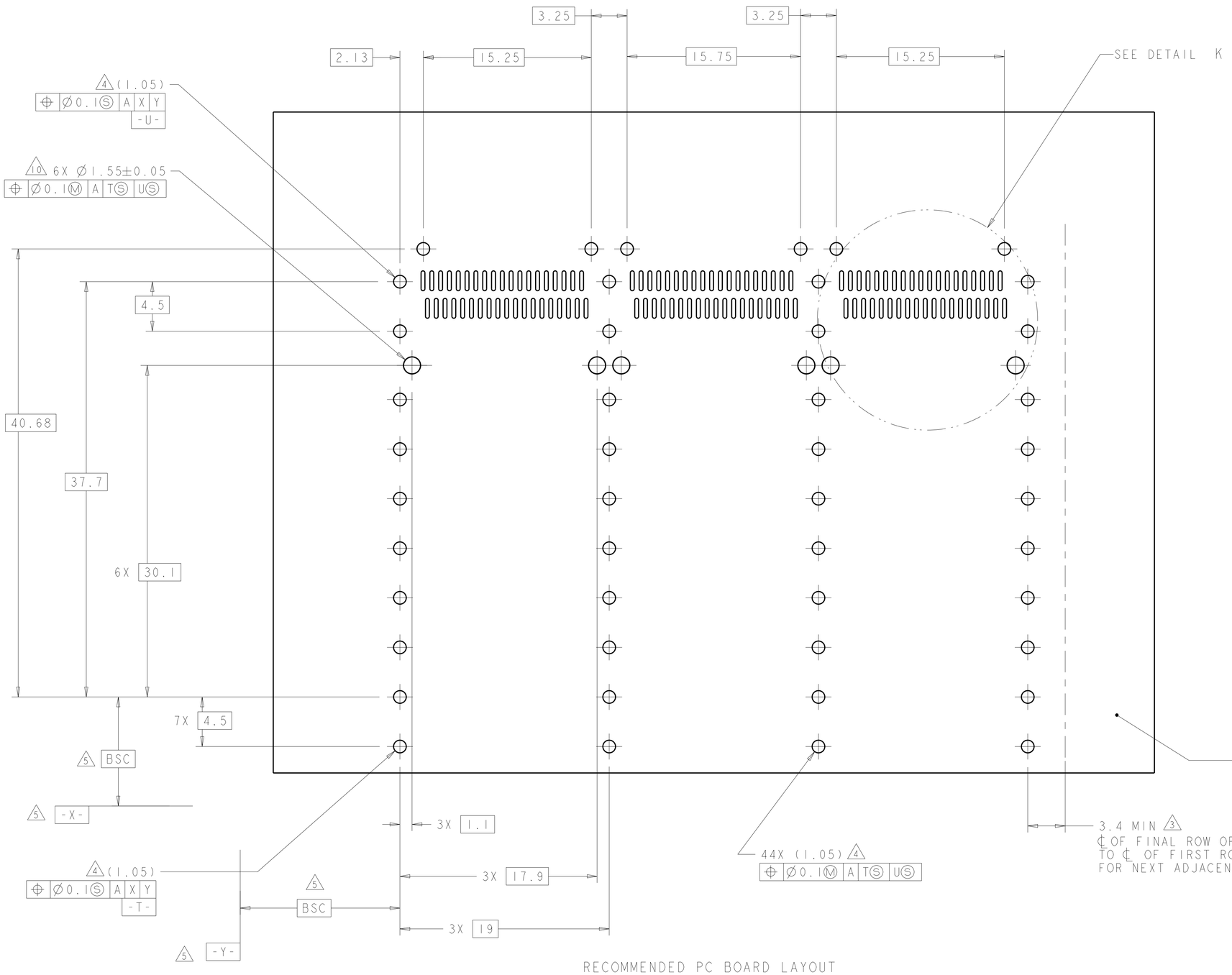
CUSTOMER DRAWING | SCALE 4:1 | SHEET 4 OF 5 | REV F1

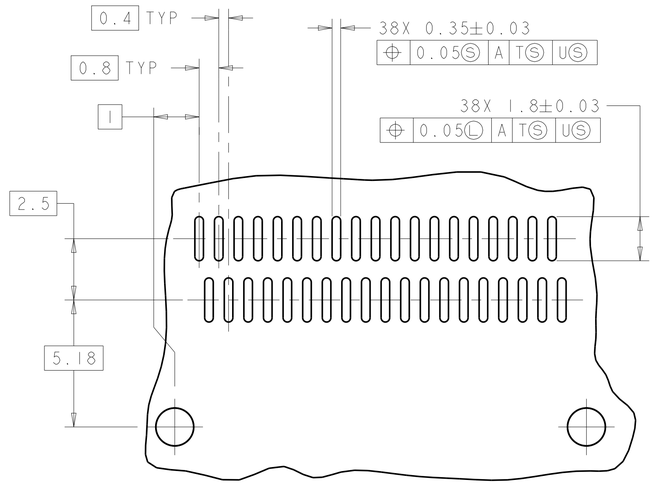
LOC	DIST
GP	00

REVISIONS

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



RECOMMENDED PC BOARD LAYOUT
BELLY TO BELLY CONFIGURATION
SEE SHEET 4 FOR COMPONENT
AND TRACE KEEP-OUTS
SCALE 5:1



DETAIL K
3 PLACES
SCALE 8:1

THIS DRAWING IS A CONTROLLED DOCUMENT.

DIMENSIONS: mm

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

MATERIAL -
FINISH -

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PRODUCT SPEC 108-2286
APPLICATION SPEC 114-13218
WEIGHT -

TE Connectivity

NAME 1X3 CAGE ASSEMBLY, BEHIND BEZEL, W/ HEAT SINKS, QSFP
-

SIZE	CAGE CODE	DRAWING NO	RESTRICTED TO
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