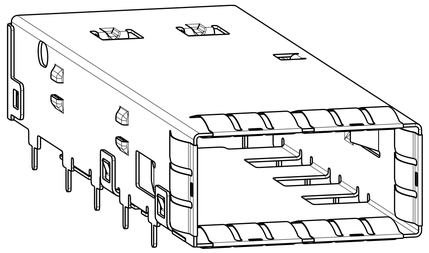
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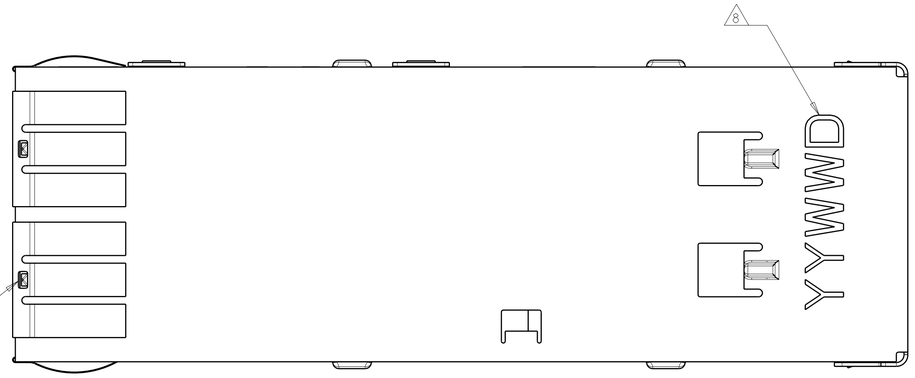
LOC	DIST
GP	00

REVISIONS

P	LTR	DESCRIPTION	DATE	DWN	APVD
	3	REVISED	29OCT2009	CR	JP
	4	REVISED	08DEC2010	CJV	EJB



ISOMETRIC VIEW
SCALE 4:1



1. MATERIAL:
CAGE - 0.25 THICK NICKEL SILVER
SPRINGS - COPPER ALLOY

2. MINIMUM PITCH DIMENSION.

3. MATES WITH QSFP MSA COMPATIBLE TRANSCEIVER.

4. DATUM AND BASIC DIMENSIONS ESTABLISHED BY CUSTOMERS.

5. MINIMUM PC BOARD THICKNESS:
SINGLE SIDED: 1.45mm
DOUBLE SIDED: 2.2mm

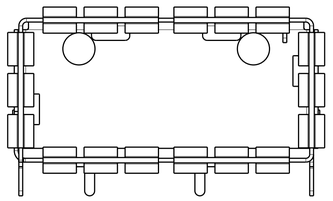
6. DATUM -A- IS TOP SURFACE OF THE HOST BOARD.

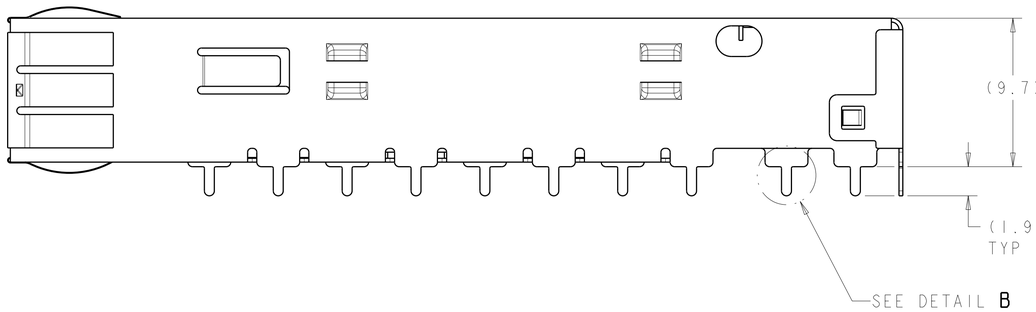
7. SURFACE TRACES PERMITTED WITHIN THIS AREA EXCEPT WHERE CAGE STANDOFFS, SHOWN IN DETAIL J, CONTACT PC BOARD.

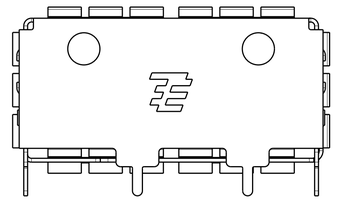
8. DATE CODE (YYWWD) MARKED APPROXIMATELY AS SHOWN.

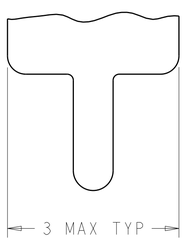
9. FINISH:
SPRINGS - 0.8µm MIN TIN OVER 0.8µm MIN NICKEL, NON-PLATED EDGES PERMISSIBLE.

10. PRODUCT HAS NOT COMPLETED QUALIFICATION TESTING.

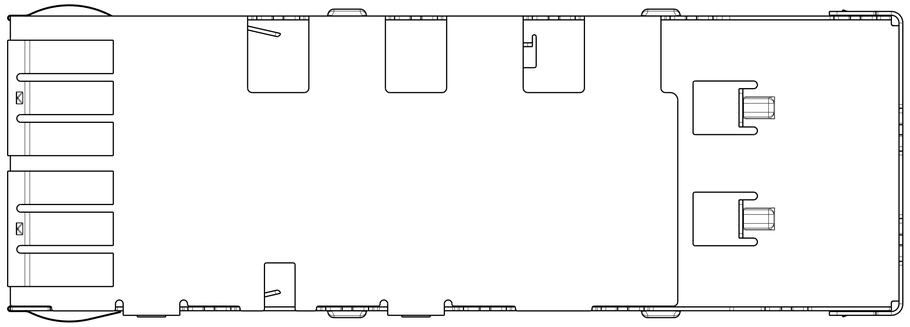








DETAIL B 7
SCALE 20:1



2110487-1

PART NUMBER

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DIMENSIONS: mm

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

MATERIAL 1

FINISH 9

DWN	Z.M.REAM	22SEP2009
CHK	J.R.PETERSON	22SEP2009
APVD	R.H.WERTZ	22SEP2009

PRODUCT SPEC: 108-2286
APPLICATION SPEC: 114-13217
WEIGHT: -

Tyco Electronics
Harrisburg, PA 17105-3608

NAME: QSFP
IXI CAGE ASSEMBLY
SOLDER, THRU BEZEL

PRELIMINARY

SIZE	CAGE CODE	DRAWING NO	RESTRICTED TO
A1	00779	C-2110487	-

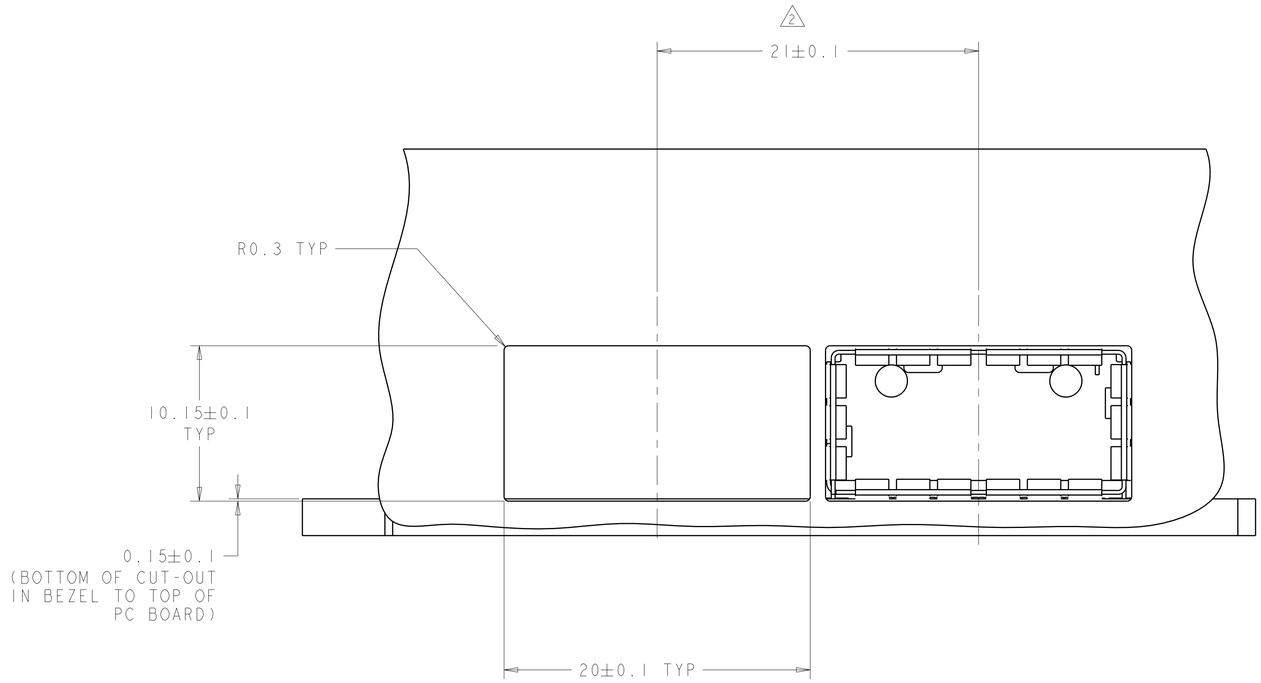
CUSTOMER DRAWING | SCALE 5:1 | SHEET 1 OF 5 | REV 4

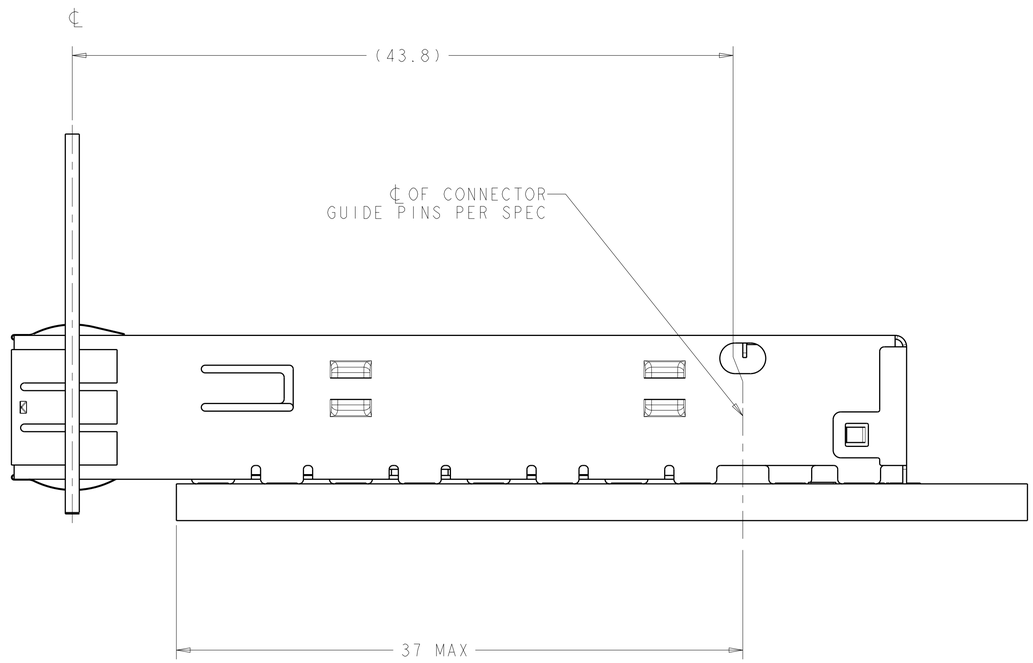
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LOC	DIST
GP	00

REVISIONS

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





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DIMENSIONS: mm

TOLERANCES UNLESS OTHERWISE SPECIFIED:

0 PLC	±0.1
1 PLC	±0.1
2 PLC	±0.11
3 PLC	±
4 PLC	±
ANGLES	±

MATERIAL: - / -

FINISH: - / -

DWN	Z.M.REAM 22SEP2009
CHK	J.R.PETERSON 22SEP2009
APVD	R.H.WERTZ 22SEP2009
PRODUCT SPEC	108-2286
APPLICATION SPEC	114-13217
WEIGHT	-

Tyco Electronics
Tyco Electronics
Harrisburg, PA 17105-3608

NAME
QSFP
1X1 CAGE ASSEMBLY
SOLDER, THRU BEZEL

SIZE	CAGE CODE	DRAWING NO	RESTRICTED TO
A1	00779	C-2110487	-

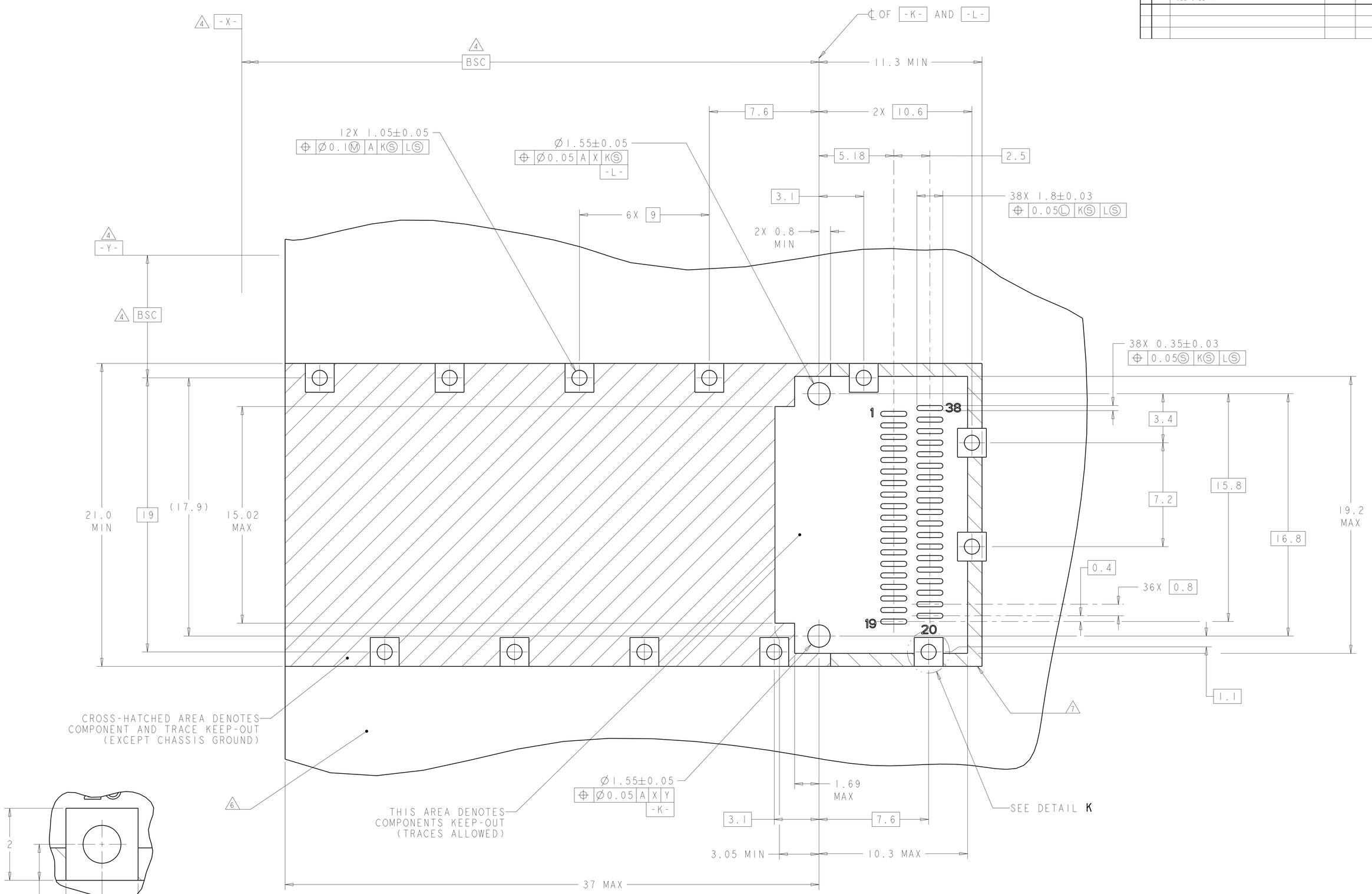
CUSTOMER DRAWING | SCALE 5:1 | SHEET 2 OF 5 | REV 4

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LOC	DIST
GP	00

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



RECOMMENDED PC BOARD LAYOUT
SCALE 8:1

DETAIL K
SCALE 20:1

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DIMENSIONS: mm

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

MATERIAL - -
FINISH - -

DWN Z.M.REAM 22SEP2009
CHK J.R.PETERSON 22SEP2009
APVD R.H.WERTZ 22SEP2009
PRODUCT SPEC 108-2286
APPLICATION SPEC 114-13217
WEIGHT -

Tyco Electronics
Tyco Electronics
Harrisburg, PA 17105-3608

NAME
QSFP
1X1 CAGE ASSEMBLY
SOLDER, THRU BEZEL

SIZE	CAGE CODE	DRAWING NO	RESTRICTED TO
A1	00779	C-2110487	-

CUSTOMER DRAWING

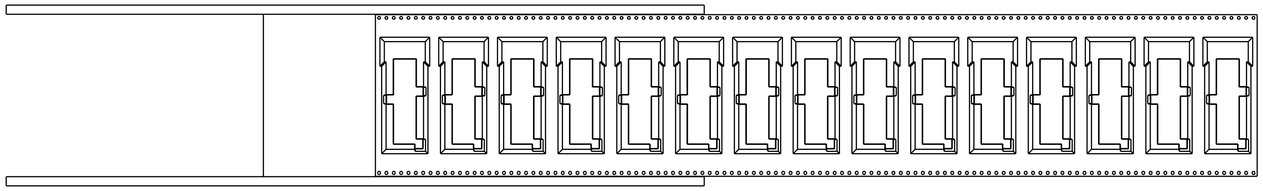
SCALE 5:1 SHEET 3 OF 5 REV 4

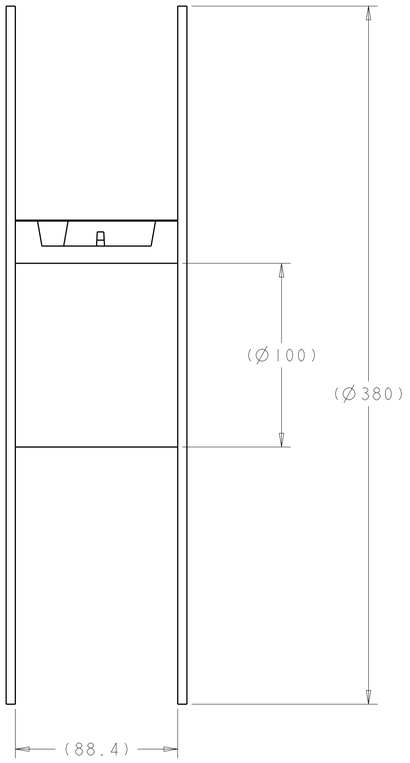
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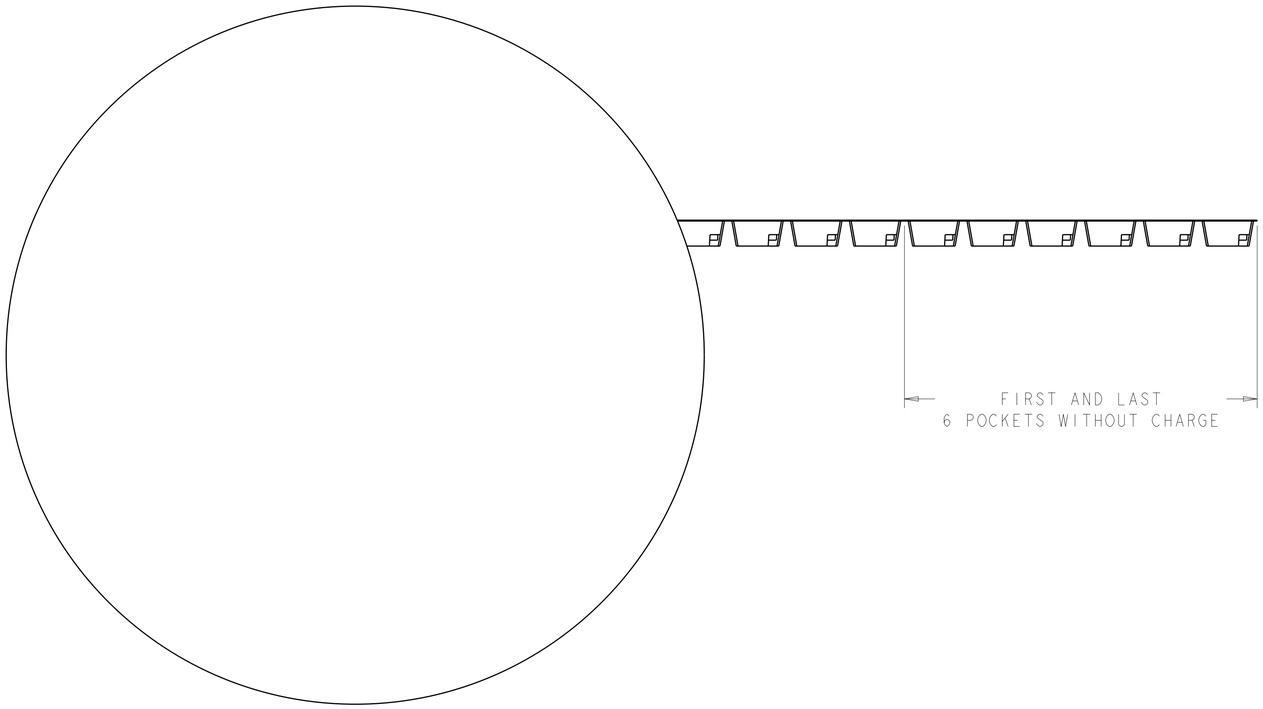
LOC	DIST
GP	00

REVISIONS

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







REEL PACKAGING
180 PCS PER REEL
SCALE APPROXIMATE
SCALE 3:5

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DIMENSIONS: mm

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

MATERIAL -
FINISH -

DWN Z.M.REAM 22SEP2009
CHK J.R.PETERSON 22SEP2009
APVD R.H.WERTZ 22SEP2009
PRODUCT SPEC 108-2286
APPLICATION SPEC 114-13217
WEIGHT -

Tyco Electronics
Tyco Electronics
Harrisburg, PA 17105-3608

NAME
QSFP
1X1 CAGE ASSEMBLY
SOLDER, THRU BEZEL

SIZE	CAGE CODE	DRAWING NO	RESTRICTED TO
A1	00779	C-2110487	-

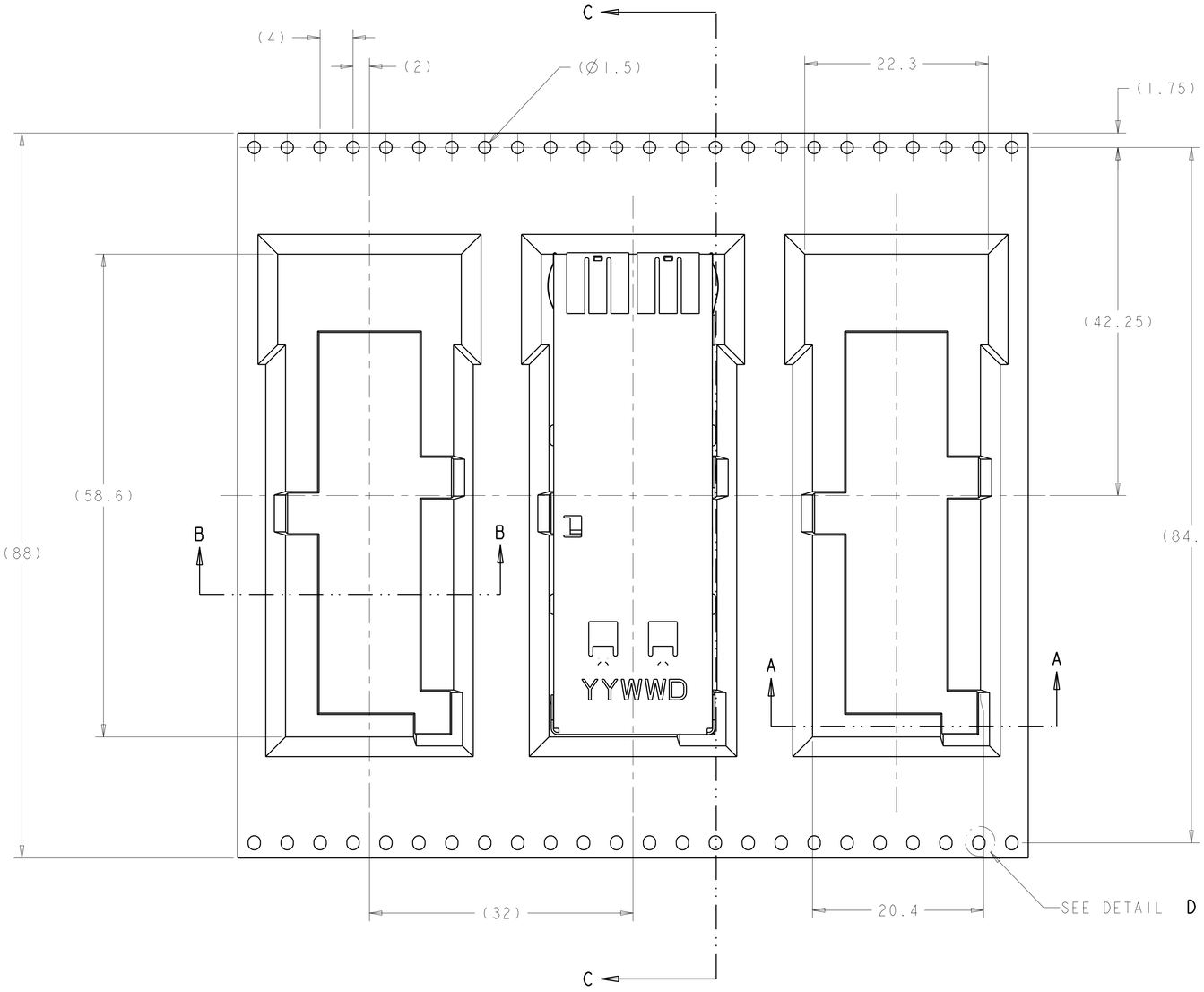
CUSTOMER DRAWING | SCALE 5:1 | SHEET 4 OF 5 | REV 4

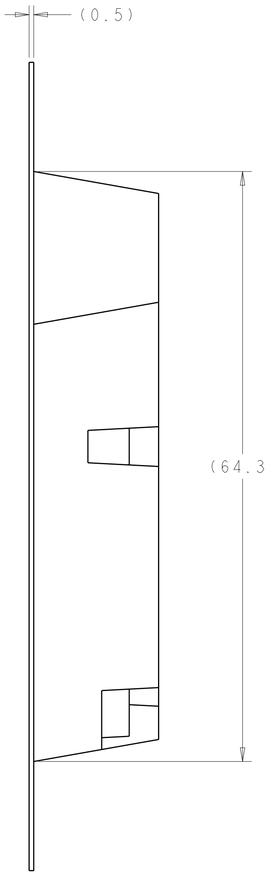
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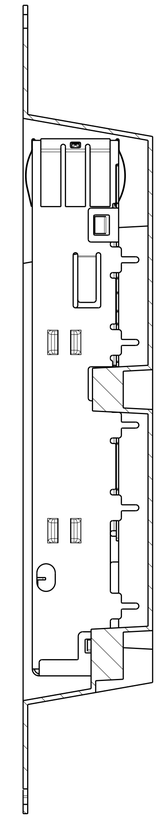
LOC	DIST
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REVISIONS

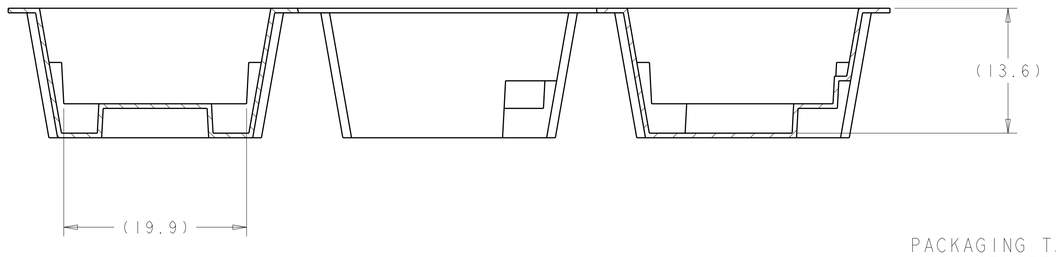
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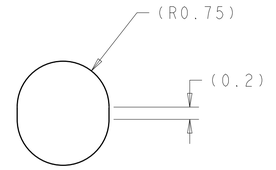




SECTION C-C



PACKAGING TAPE LAYOUT
SCALE APPROXIMATE



DETAIL D
SCALE 20:1

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DIMENSIONS: mm

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0 PLC ±0.1
1 PLC ±0.1
2 PLC ±0.1
3 PLC ±-
4 PLC ±-
ANGLES ±-

MATERIAL -
FINISH -

DWN Z.M.REAM 22SEP2009
CHK J.R.PETERSON 22SEP2009
APVD R.H.WERTZ 22SEP2009
PRODUCT SPEC 108-2286
APPLICATION SPEC 114-13217
WEIGHT -

Tyco Electronics
Tyco Electronics
Harrisburg, PA 17105-3608

NAME
QSFP
1X1 CAGE ASSEMBLY
SOLDER, THRU BEZEL

SIZE	CAGE CODE	DRAWING NO	RESTRICTED TO
A1	00779	C-2110487	-

CUSTOMER DRAWING

SCALE	SHEET	OF	REV
5:1	5	5	4