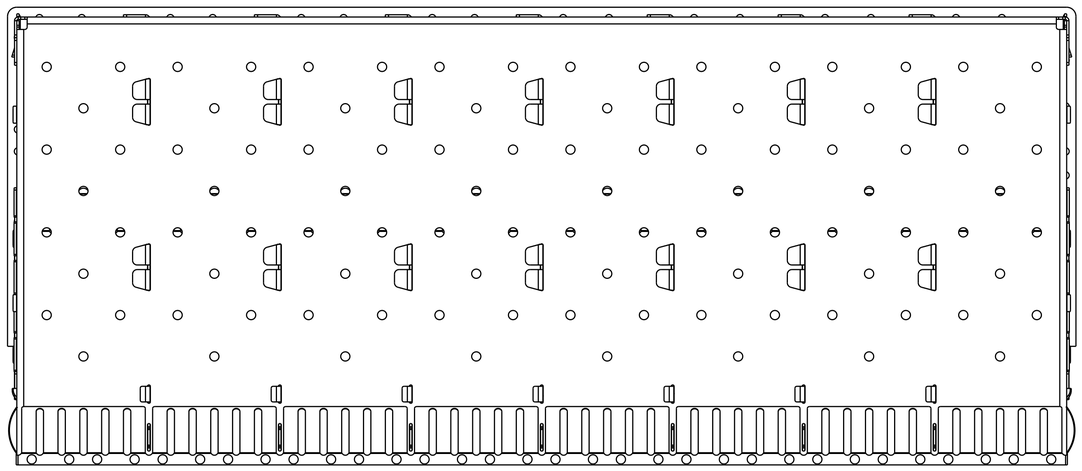
THIS DRAWING IS UNPUBLISHED. RELEASED FOR PUBLICATION 20
© COPYRIGHT 20 BY - ALL RIGHTS RESERVED.

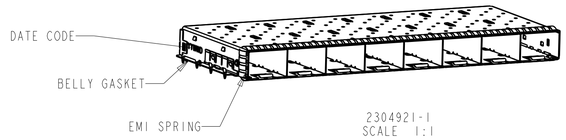
LOC	DIST
GP	00

REVISIONS

P	LTR	DESCRIPTION	DATE	DWN	APVD
	A1	REVISED PER ECR-17-017733	05DEC2017	IT	SH

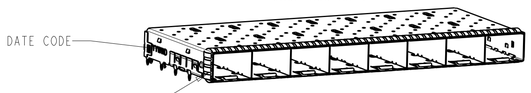


CAGE ASSEMBLY

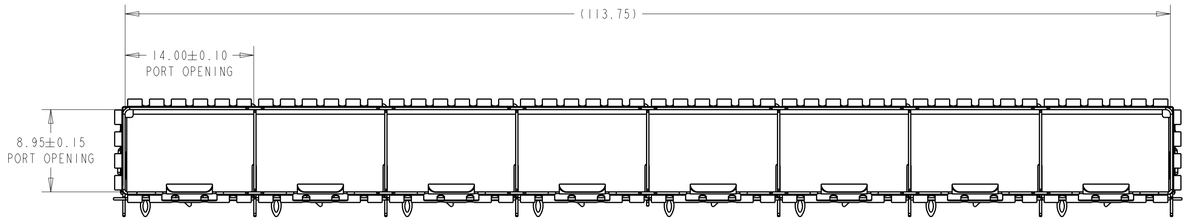


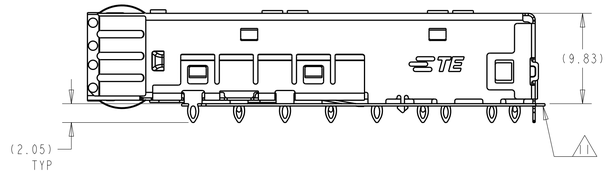
2304921-1
SCALE 1:1

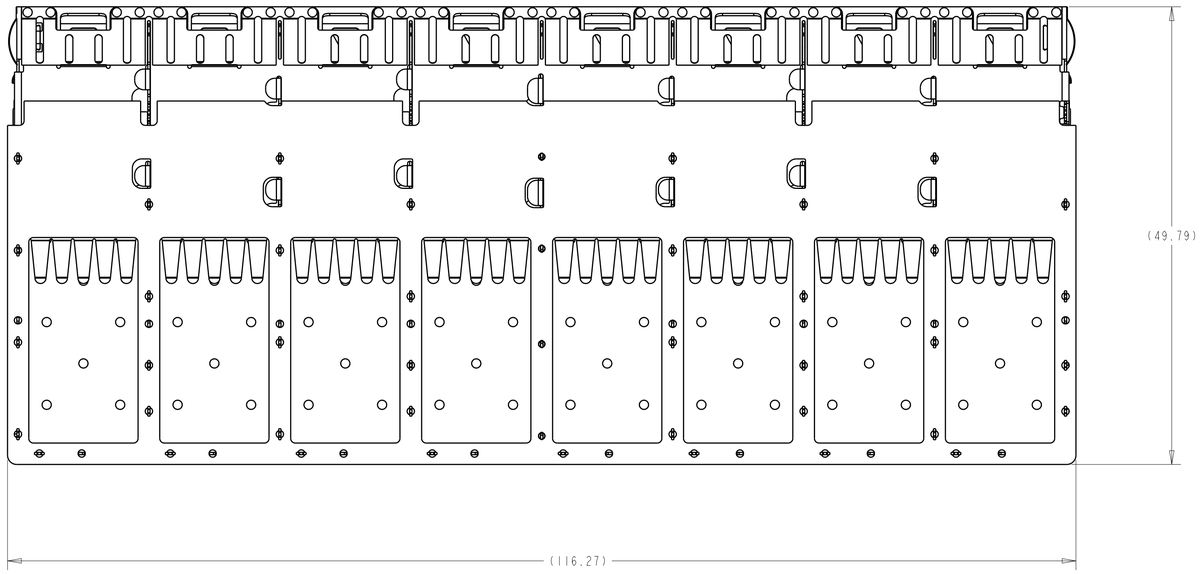
CAGE ASSEMBLY



2304921-3
SCALE 1:1







1. MATERIAL:
   CAGE ASSEMBLY: NICKEL SILVER ALLOY, (0.25mm)
   PCB GASKET: RF ABSORBER
   EMI SPRINGS: PHOSPHOR BRONZE
   LIGHT PIPE BRACKET: STAINLESS STEEL
   LIGHT PIPE: POLYCARBONATE, CLEAR
2. MINIMUM PC BOARD THICKNESS:
   SINGLE SIDE = 1.45mm
   BELLY TO BELLY = 2.25mm
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. REFERENCE APPLICATION SPEC. 114-13120, HOLE A, FOR RECOMMENDED DRILL HOLE DIAMETER AND PLATING THICKNESS
8. REFERENCE 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. PRODUCT COMPLIES WITH SPECIFICATION SFF-8433, IMPROVED PLUGGABLE FORM FACTOR FOR SFP+ GANGED CAGES
11. CONTACT STANDOFF WILL PIERCE GASKET WHEN PROPERLY PRESSED INTO PCB.
12. WITHOUT BELLY GASKET

2	2304921-3
	2304921-1
	PART NUMBER

THIS DRAWING IS A CONTROLLED DOCUMENT. DIMENSIONING AND TOLERANCING PER ASME Y14.5M-2009

DIMENSIONS: mm

TOLERANCES UNLESS OTHERWISE SPECIFIED:
0 PLC ±0.25
1 PLC ±0.25
2 PLC ±0.25
3 PLC ±0.25
4 PLC ±-
ANGLES ±1°

MATERIAL SEE NOTES
FINISH SEE NOTES

DWN	J.WANG	07JUN2016
CHK	S.HAN	07JUN2016
APVD	S.HAN	07JUN2016
PRODUCT SPEC	-	
APPLICATION SPEC	-	
WEIGHT	-	

TE Connectivity

NAME: CAGE ASSEMBLY, PRESS-FIT, EMI SPRINGS, 1X8, zSFP+

SIZE	CAGE CODE	DRAWING NO	RESTRICTED TO
A1	00779	C-2304921	-

CUSTOMER DRAWING | SCALE 3:1 | SHEET 1 OF 4 | REV A1

4805 (3/11)

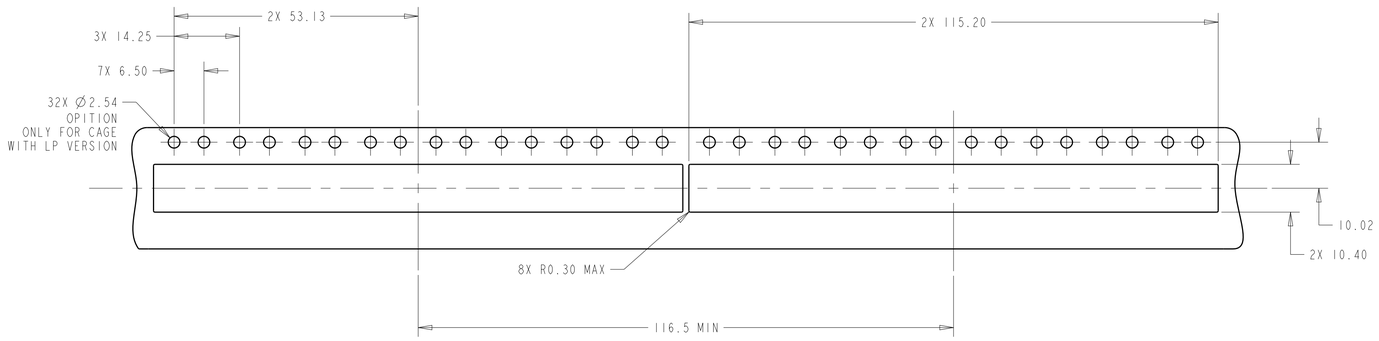
Downloaded from Arrow.com.

THIS DRAWING IS UNPUBLISHED. RELEASED FOR PUBLICATION 20
© COPYRIGHT 20 BY - ALL RIGHTS RESERVED.

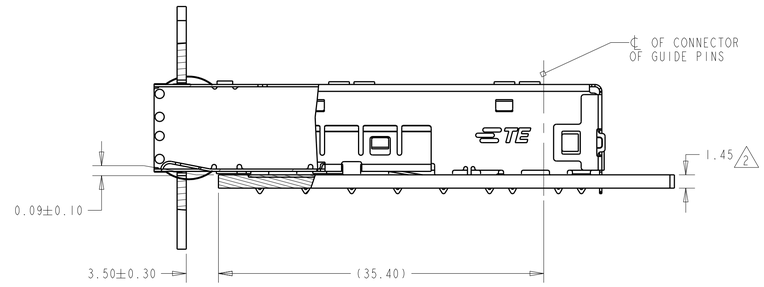
LOC	DIST
GP	00

REVISIONS

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

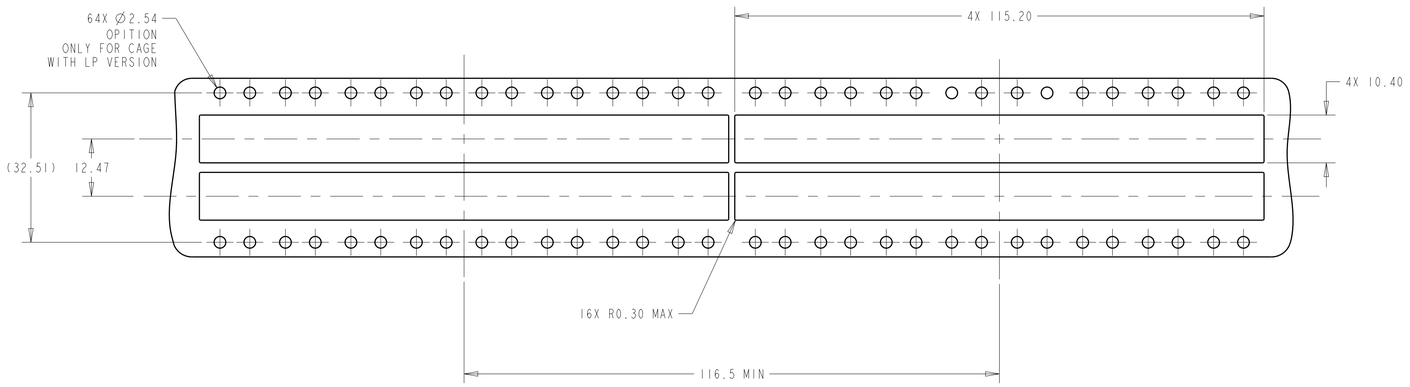


RECOMMENDED BEZEL OPENING
SINGLE SIDED APPLICATIONS
SCALE 3:2

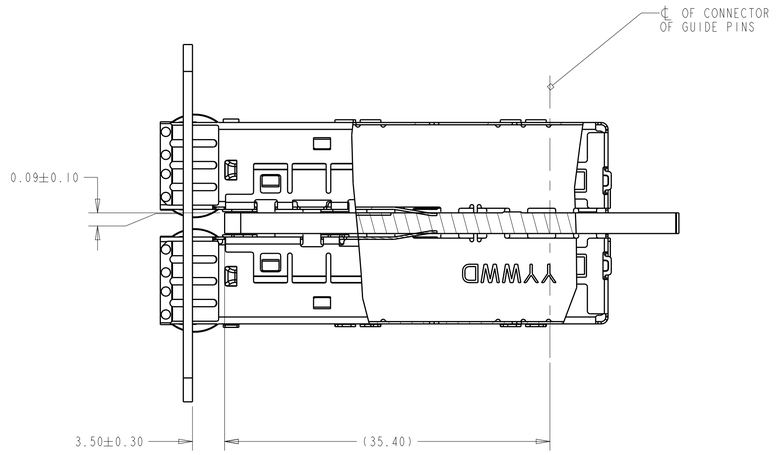


SECTION A-A

MOUNTED ON PC BOARD
SHOWN THRU RECOMMENDED BEZEL
SCALE 4:1



RECOMMENDED BEZEL OPENING
BELLY TO BELLY APPLICATION
SCALE 3:2



SECTION A-A

THIS DRAWING IS A CONTROLLED DOCUMENT.
DIMENSIONING AND TOLERANCING PER ASME Y14.5M-2009

DIMENSIONS: mm

TOLERANCES UNLESS OTHERWISE SPECIFIED:

0 PLC	±0.25
1 PLC	±0.25
2 PLC	±0.25
3 PLC	±0.25
4 PLC	±
ANGLES	±1°

MATERIAL: SEE NOTES
FINISH: SEE NOTES

DWN J.WANG 07JUN2016
CHK S.HAN 07JUN2016
APVD S.HAN 07JUN2016
PRODUCT SPEC -
APPLICATION SPEC -
WEIGHT -

TE Connectivity

NAME
CAGE ASSEMBLY,
PRESS-FIT, EMI SPRINGS,
1X8, zSFP+

SIZE	CAGE CODE	DRAWING NO	RESTRICTED TO
A1	00779	C-2304921	-

CUSTOMER DRAWING

SCALE 1:1 SHEET 2 OF 4 REV A1

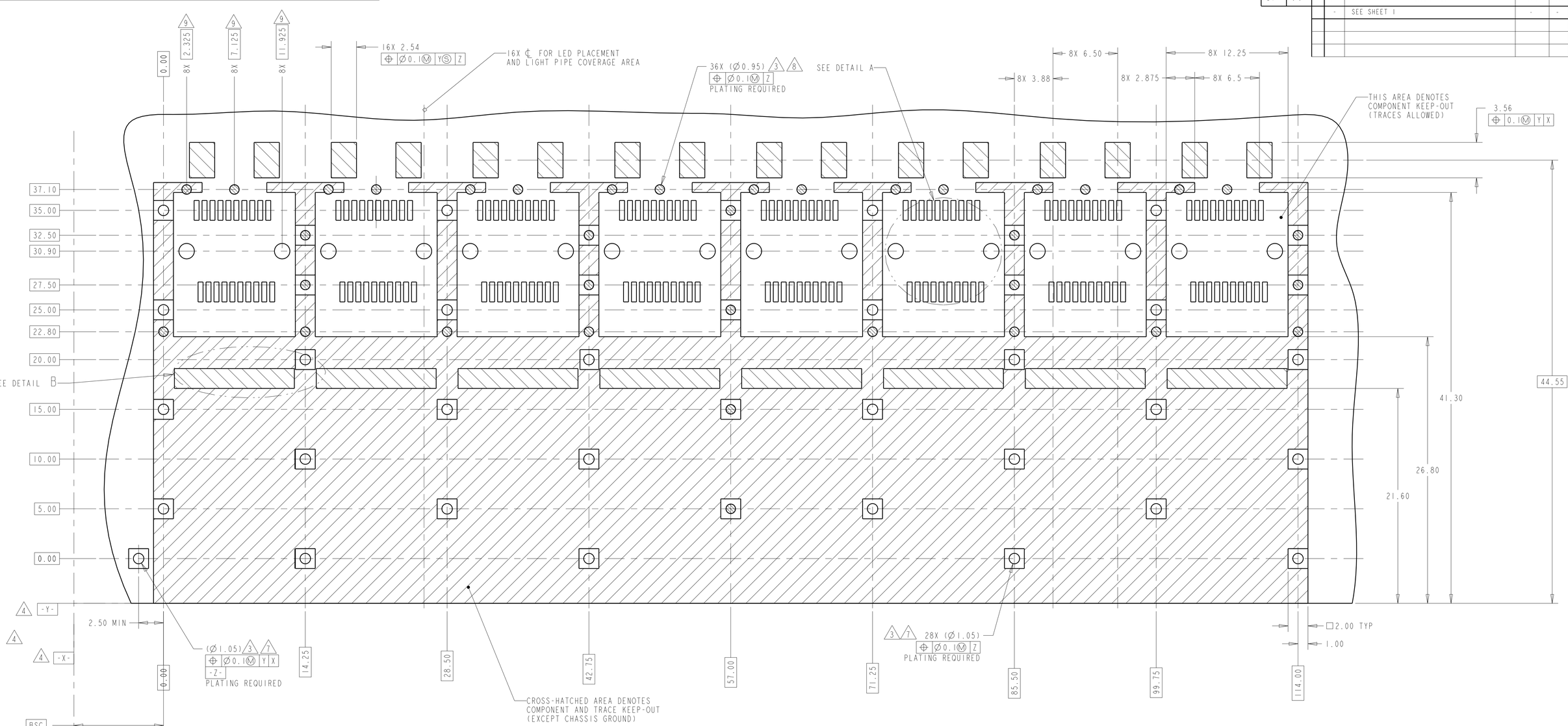
Downloaded from Arrow.com.

THIS DRAWING IS UNPUBLISHED. RELEASED FOR PUBLICATION 20
© COPYRIGHT 20 BY - ALL RIGHTS RESERVED.

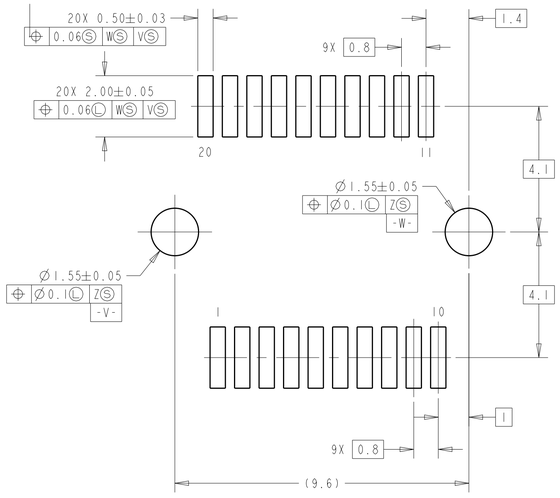
LOC	DIST
GP	00

REVISIONS

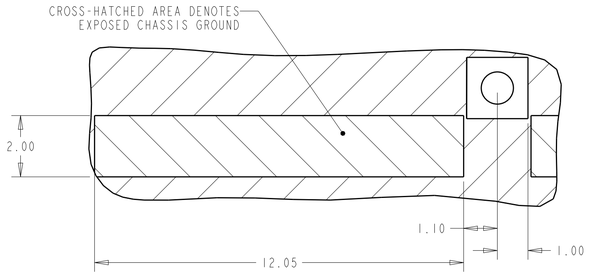
P	LTR	DESCRIPTION	DATE	DWN	APVD
	-	SEE SHEET 1	-	-	-



RECOMMENDED PCB CONFIGURATION
WITH KEEP-OUT AREAS FOR SINGLE SIDED APPLICATION
SCALE 5:1



DETAIL SEE DETAIL A
6X INDIVIDUALLY
SCALE 10:1



DETAIL B
6X INDIVIDUALLY
SCALE 10:1

THIS DRAWING IS A CONTROLLED DOCUMENT. DIMENSIONING AND TOLERANCING PER ASME Y14.5M-2009

DIMENSIONS: mm

TOLERANCES UNLESS OTHERWISE SPECIFIED:
0 PLC ±0.25
1 PLC ±0.05
2 PLC ±0.25
3 PLC ±0.25
4 PLC ±-
ANGLES ±1°

MATERIAL SEE NOTES
FINISH SEE NOTES

DWN	J.WANG 07JUN2016
CHK	S.HAN 07JUN2016
APVD	S.HAN 07JUN2016
PRODUCT SPEC	-
APPLICATION SPEC	-
WEIGHT	-

TE Connectivity

NAME: CAGE ASSEMBLY, PRESS-FIT, EMI SPRINGS, 1X8, zSFP+

SIZE	CAGE CODE	DRAWING NO	RESTRICTED TO
A1	00779	C-2304921	-

CUSTOMER DRAWING | SCALE 1:1 | SHEET 3 OF 4 | REV A1

4805 (3/11)

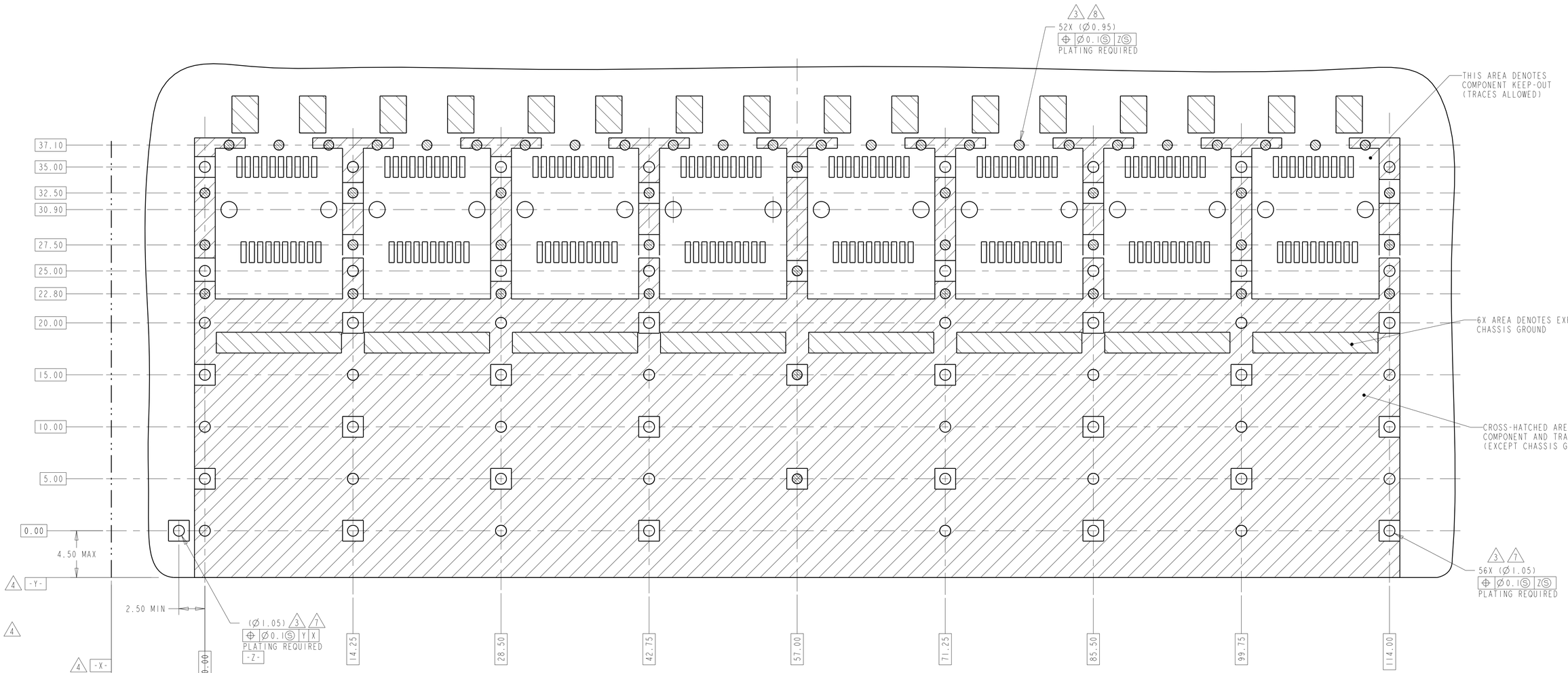
Downloaded from Arrow.com.

THIS DRAWING IS UNPUBLISHED. RELEASED FOR PUBLICATION 20
© COPYRIGHT 20 BY - ALL RIGHTS RESERVED.

LOC	DIST
GP	00

REVISIONS

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



RECOMMENDED PCB CONFIGURATION
WITH KEEP-OUT AREAS FOR BELLY TO BELLY APPLICATION
SAME AS SINGLE SIDED APPLICATION, EXCEPT AS SHOWN
SCALE 5:1

THIS DRAWING IS A CONTROLLED DOCUMENT.
DIMENSIONING AND TOLERANCING PER ASME Y14.5M-2009

DIMENSIONS: mm

TOLERANCES UNLESS OTHERWISE SPECIFIED:

0 PLC	±0.25
1 PLC	±0.25
2 PLC	±0.25
3 PLC	±0.25
4 PLC	±
ANGLES	±1°

MATERIAL: SEE NOTES
FINISH: SEE NOTES

DWN	J.WANG 07JUN2016
CHK	S.HAN 07JUN2016
APVD	S.HAN 07JUN2016
PRODUCT SPEC	-
APPLICATION SPEC	-
WEIGHT	-

TE Connectivity

NAME: CAGE ASSEMBLY, PRESS-FIT, EMI SPRINGS, 1X8, zSFP+

SIZE	CAGE CODE	DRAWING NO	RESTRICTED TO
A1	00779	C-2304921	-

CUSTOMER DRAWING | SCALE 1:1 | SHEET 4 OF 4 | REV A1

Downloaded from Arrow.com.