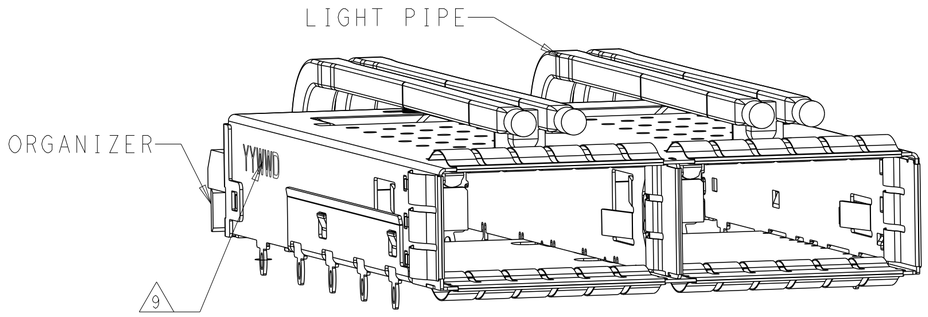
THIS DRAWING IS UNPUBLISHED. RELEASED FOR PUBLICATION 20
© COPYRIGHT 20 BY - ALL RIGHTS RESERVED.

LOC	DIST
GP	00

REVISIONS

P	LTR	DESCRIPTION	DATE	DWN	APVD
	A	RELEASE	08NOV2016	JY	SH
	B	REVISED PER ECO-19-016558	31OCT2019	JW	SH
	B2	REVISED PER ECN-23-231980	09SEP2023	RY	SZ



2170807-1, -2
1X2 CAGE ASSEMBLY

1. COMPONENTS
   CAGE ASSEMBLY: NICKEL-SILVER ALLOY
   EMI SPRING: COPPER ALLOY/NICKEL PLATE
   LIGHT PIPE: CLEAR POLYCARBONATE
   ORGANIZER: POLYESTER

2. REFERENCE APPLICATION SPECIFICATION 114-32023 FOR RECOMMENDED DRILL HOLE DIAMETER AND PLATING THICKNESS

3. DATUM AND BASIC DIMENSION ESTABLISHED BY CUSTOMER

4. MATES WITH QSFP28 MSA COMPATIBLE TRANSCEIVER.

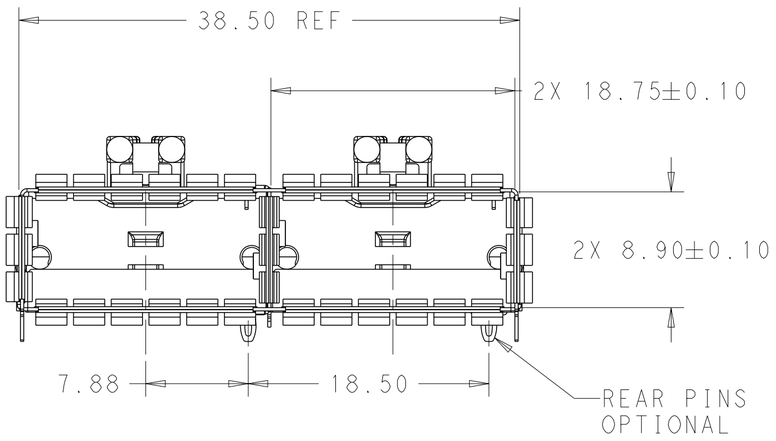
5. LIGHT PIPES ARE SHIPPED ASSEMBLED ON CAGE

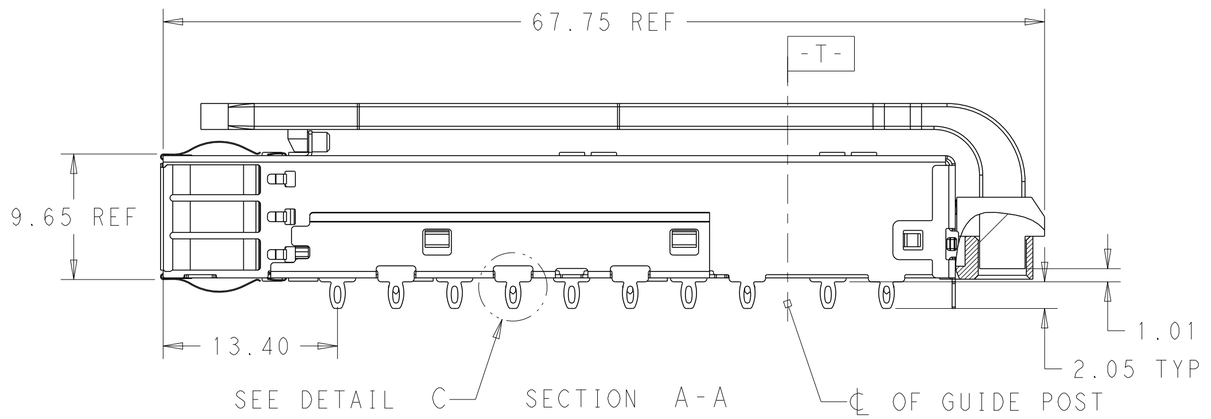
6. MINIMUM PC BOARD THICKNESS: SINGLE SIDED: 1.57 MIN
   DOUBLE SIDED: 2.20 MIN

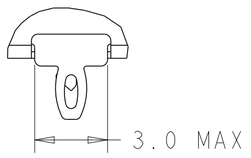
7. DATUM -A- IS TOP SURFACE OF THE HOST BOARD.

8. THESE HOLES ARE OPTIONAL WHEN THE REAR PINS ARE REMOVED.

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







DETAIL C
SCALE 6:1

WITHOUT	DUAL LP	2170807-6
WITH	DUAL LP	2170807-5
WITHOUT	QUAD LP	2170807-4
WITH	QUAD LP	2170807-3
WITHOUT	DUAL LP	2170807-2
WITH	DUAL LP	2170807-1
REAR PINS OPTIONAL	LIGHT PIPE OPTIONAL	PART NUMBER

THIS DRAWING IS A CONTROLLED DOCUMENT.

DIMENSIONS: mm

TOLERANCES UNLESS OTHERWISE SPECIFIED:
0 PLC ±-
1 PLC ±0.25
2 PLC ±0.2
3 PLC ±-
4 PLC ±-
ANGLES ±-

MATERIAL: SEE NOTES
FINISH: SEE NOTES

DWN 16SEP2014 BING LIU
CHK 16SEP2014 JASON YANG
APVD 08NOV2016 SEAN HAN
PRODUCT SPEC 108-19428
APPLICATION SPEC 114-32023
WEIGHT -

TE Connectivity

NAME: RECEPTACLE CAGE ASSEMLBY WITH LIGHT PIPES, THRU BEZEL, 1X2, QSFP28

SIZE	CAGE CODE	DRAWING NO	RESTRICTED TO
A2	00779	C-2170807	-

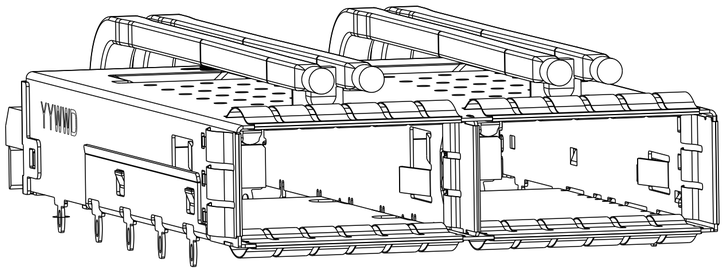
CUSTOMER DRAWING | SCALE 3:1 | SHEET 1 OF 6 | REV B2

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

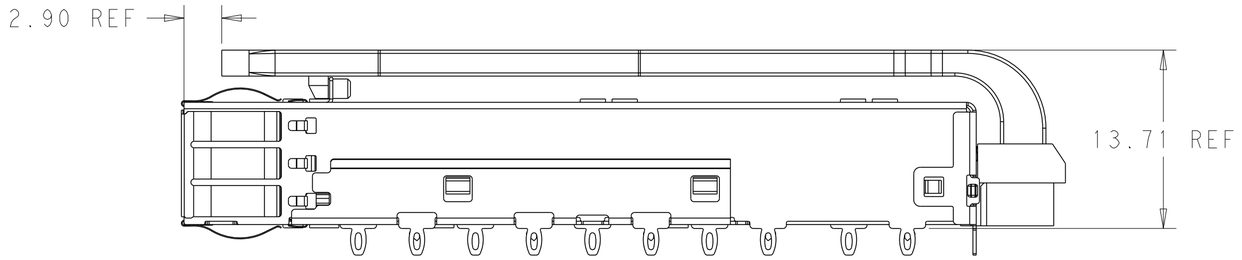
LOC	DIST

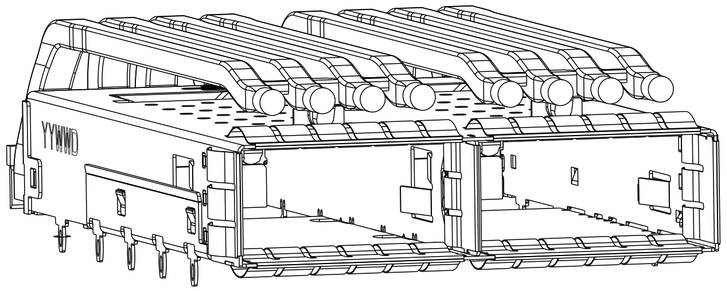
REVISIONS

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

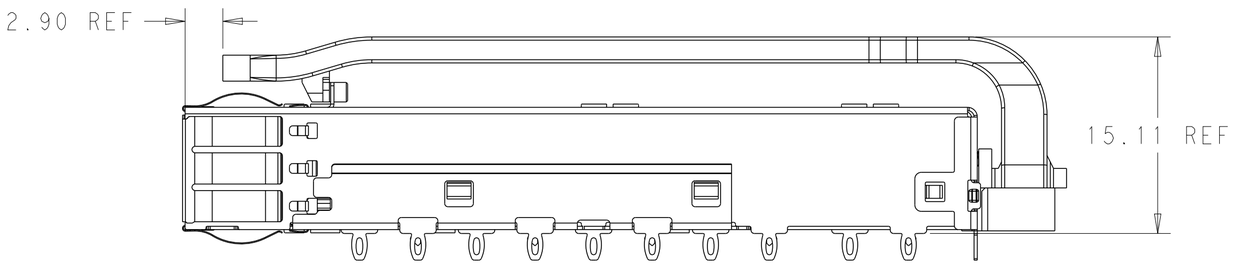


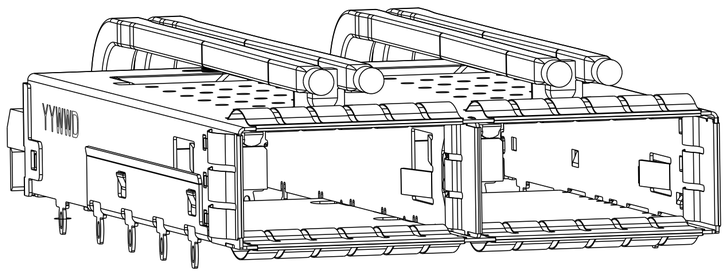
2170807-1, -2 WITH DUAL LIGHT PIPE
SCALE 3:1



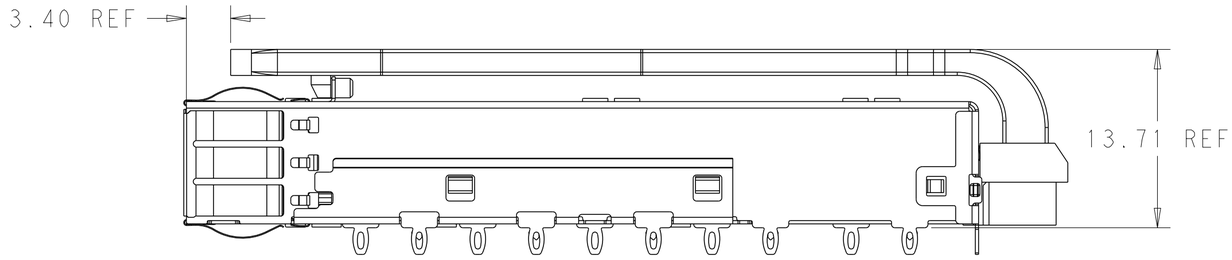


2170807-3, -4 WITH QUAD LIGHT PIPE
SCALE 3:1





2170807-5, -6 WITH DUAL LIGHT PIPE, SHORTER
SCALE 3:1



THIS DRAWING IS A CONTROLLED DOCUMENT.

DIMENSIONS: mm

TOLERANCES UNLESS OTHERWISE SPECIFIED:
0 PLC ±-
1 PLC ±0.25
2 PLC ±0.2
3 PLC ±-
4 PLC ±-
ANGLES ±-

MATERIAL: SEE NOTES material_2

FINISH: SEE NOTES finish_spec_2

DWN BING LIU 16SEP2014
CHK JASON YANG 16SEP2014
APVD SEAN HAN 08NOV2016
PRODUCT SPEC 108-19428
APPLICATION SPEC 114-32023
WEIGHT -

CUSTOMER DRAWING

TE Connectivity

NAME: RECEPTACLE CAGE ASSEMLBY WITH LIGHT PIPES, THRU BEZEL, 1X2, QSFP28

SIZE	CAGE CODE	DRAWING NO	RESTRICTED TO
A2	00779	C-2170807	-

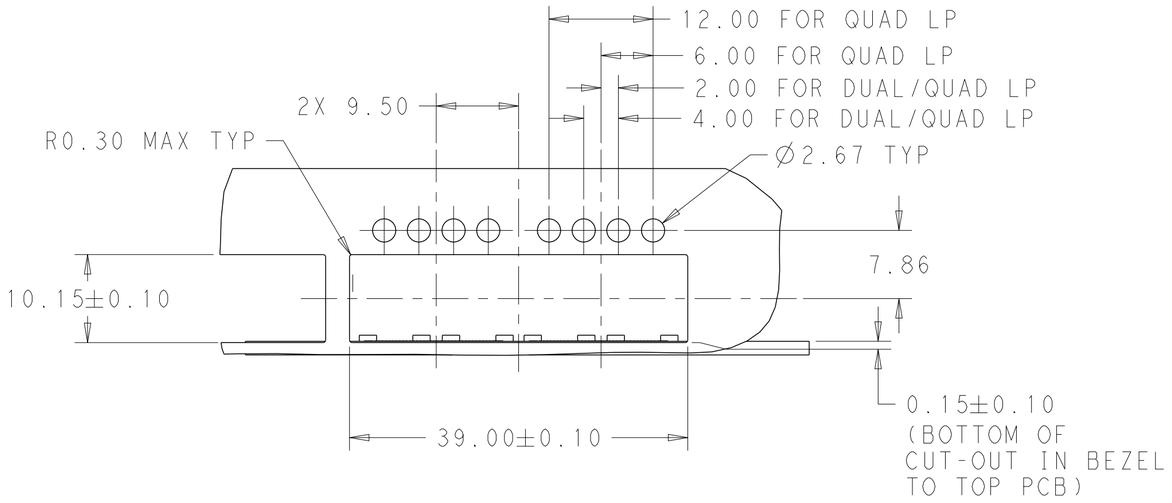
SCALE	SHEET	REV
3:1	2 OF 6	B2

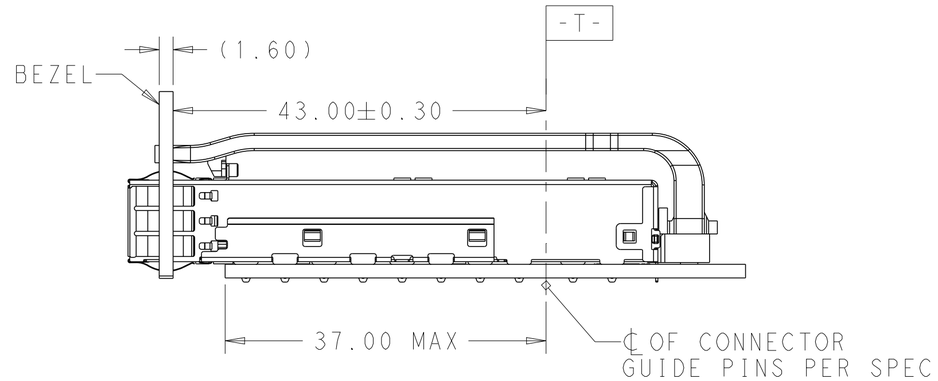
THIS DRAWING IS UNPUBLISHED. RELEASED FOR PUBLICATION 20
© COPYRIGHT 20 BY - ALL RIGHTS RESERVED.

LOC	DIST

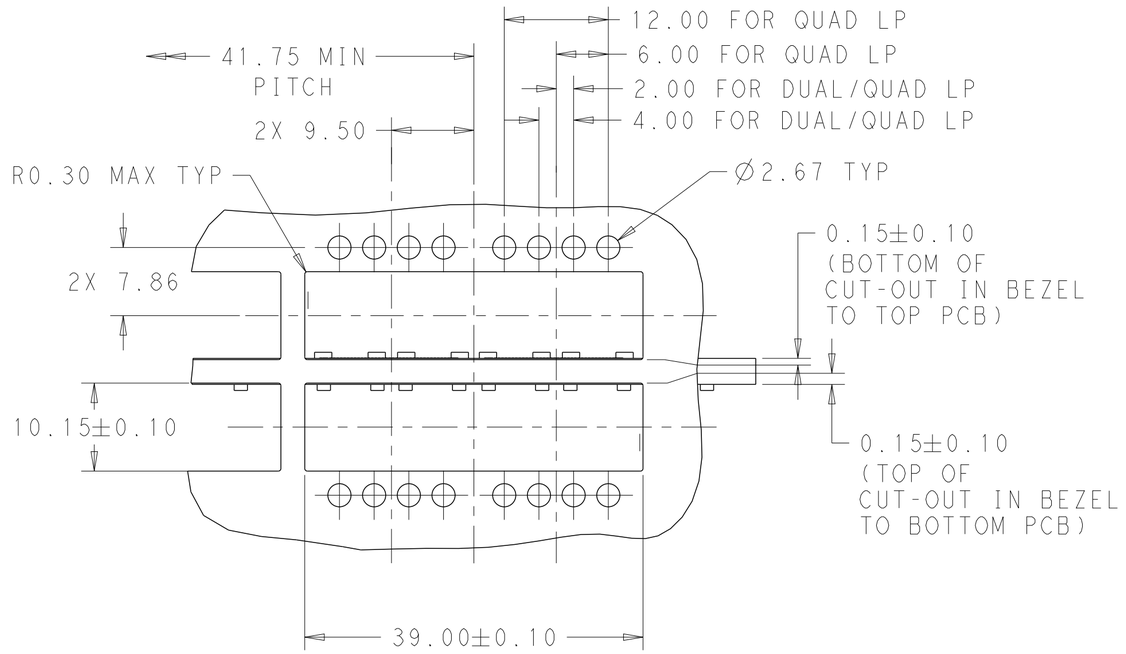
REVISIONS

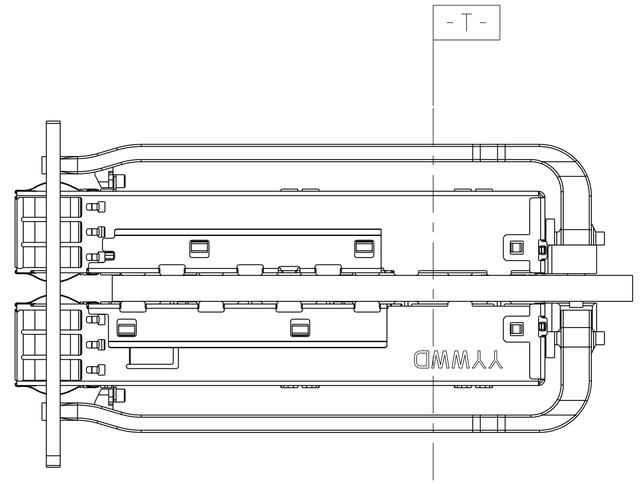
P	LTR	DESCRIPTION	DATE	DWN	APVD
	-	SEE SHEET 1	-	-	-





SINGLE SIDE MOUNTING
SCALE 2:1





BELLY TO BELLY MOUNTING
SCALE 2:1

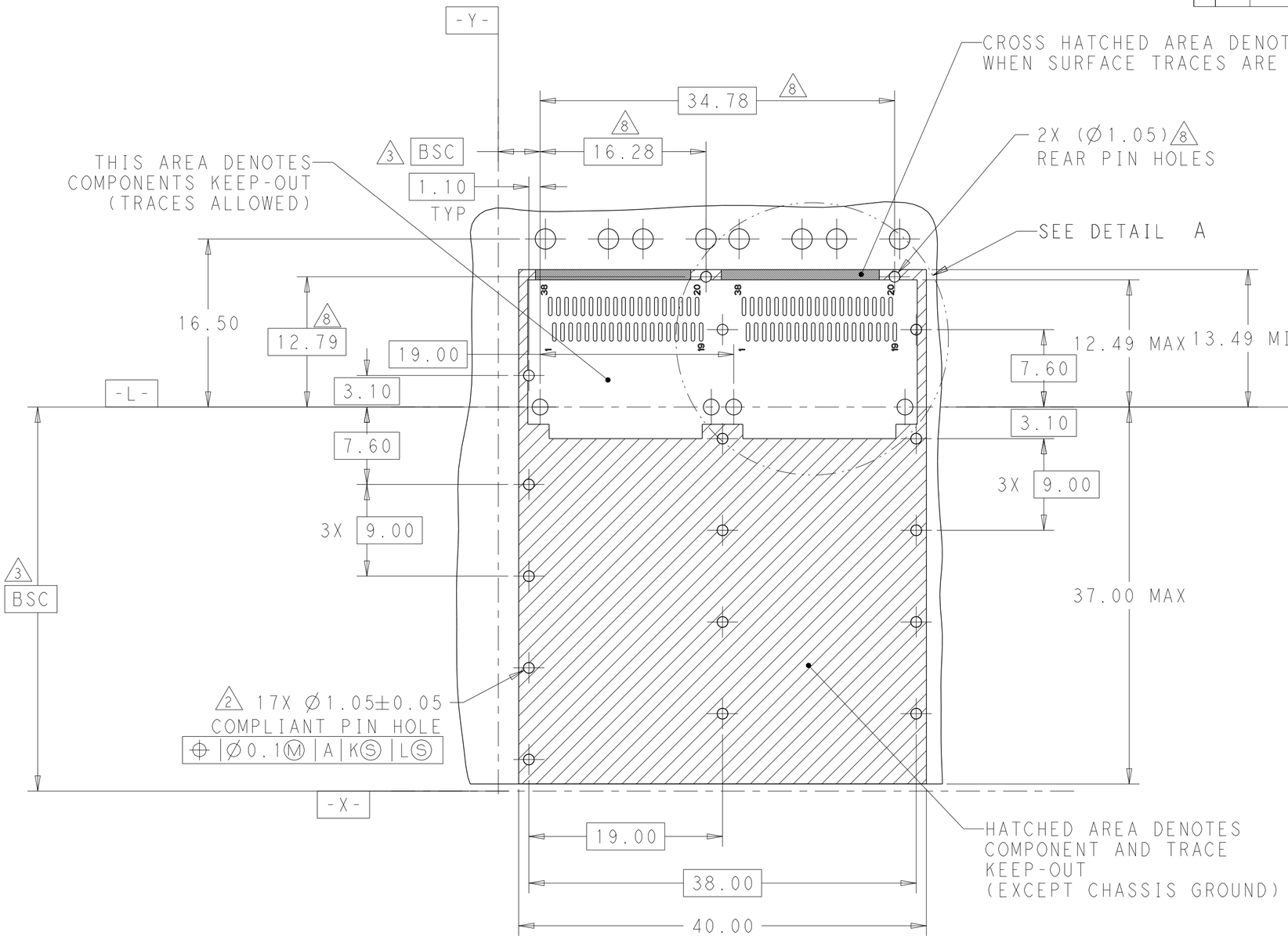
THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN 16SEP2014 BING LIU	TE Connectivity
		CHK 16SEP2014 JASON YANG	
DIMENSIONS: mm	TOLERANCES UNLESS OTHERWISE SPECIFIED: 0 PLC ±- 1 PLC ±0.25 2 PLC ±0.2 3 PLC ±- 4 PLC ±- ANGLES ±-	APVD 08NOV2016 SEAN HAN	NAME RECEPTACLE CAGE ASSEMLBY WITH LIGHT PIPES, THRU BEZEL, 1X2, QSFP28
		PRODUCT SPEC 108-19428	
		APPLICATION SPEC 114-32023	SIZE A2 / CAGE CODE 00779 / DRAWING NO C-2170807 / RESTRICTED TO -
MATERIAL SEE NOTES material_2	FINISH SEE NOTES finish_spec_2	WEIGHT -	CUSTOMER DRAWING / SCALE 3:1 / SHEET 3 OF 6 / REV B2

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

LOC	DIST

REVISIONS

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



RECOMMENDED PCB LAYOUT
SINGLE TYPE
PCB TOLERANCE: ±0.05
SCALE 3:1

THIS DRAWING IS A CONTROLLED DOCUMENT.

DIMENSIONS: mm

TOLERANCES UNLESS OTHERWISE SPECIFIED:
0 PLC ±-
1 PLC ±0.25
2 PLC ±0.2
3 PLC ±-
4 PLC ±-
ANGLES ±-

MATERIAL SEE NOTES material_2
FINISH SEE NOTES finish_spec_2

DWN 16SEP2014 BING LIU
CHK 16SEP2014 JASON YANG
APVD 08NOV2016 SEAN HAN
PRODUCT SPEC 108-19428
APPLICATION SPEC 114-32023
WEIGHT -

TE Connectivity

NAME RECEPTACLE CAGE ASSEMLBY WITH LIGHT PIPES, THRU BEZEL, 1X2, QSFP28

SIZE	CAGE CODE	DRAWING NO	RESTRICTED TO
A2	00779	C-2170807	-

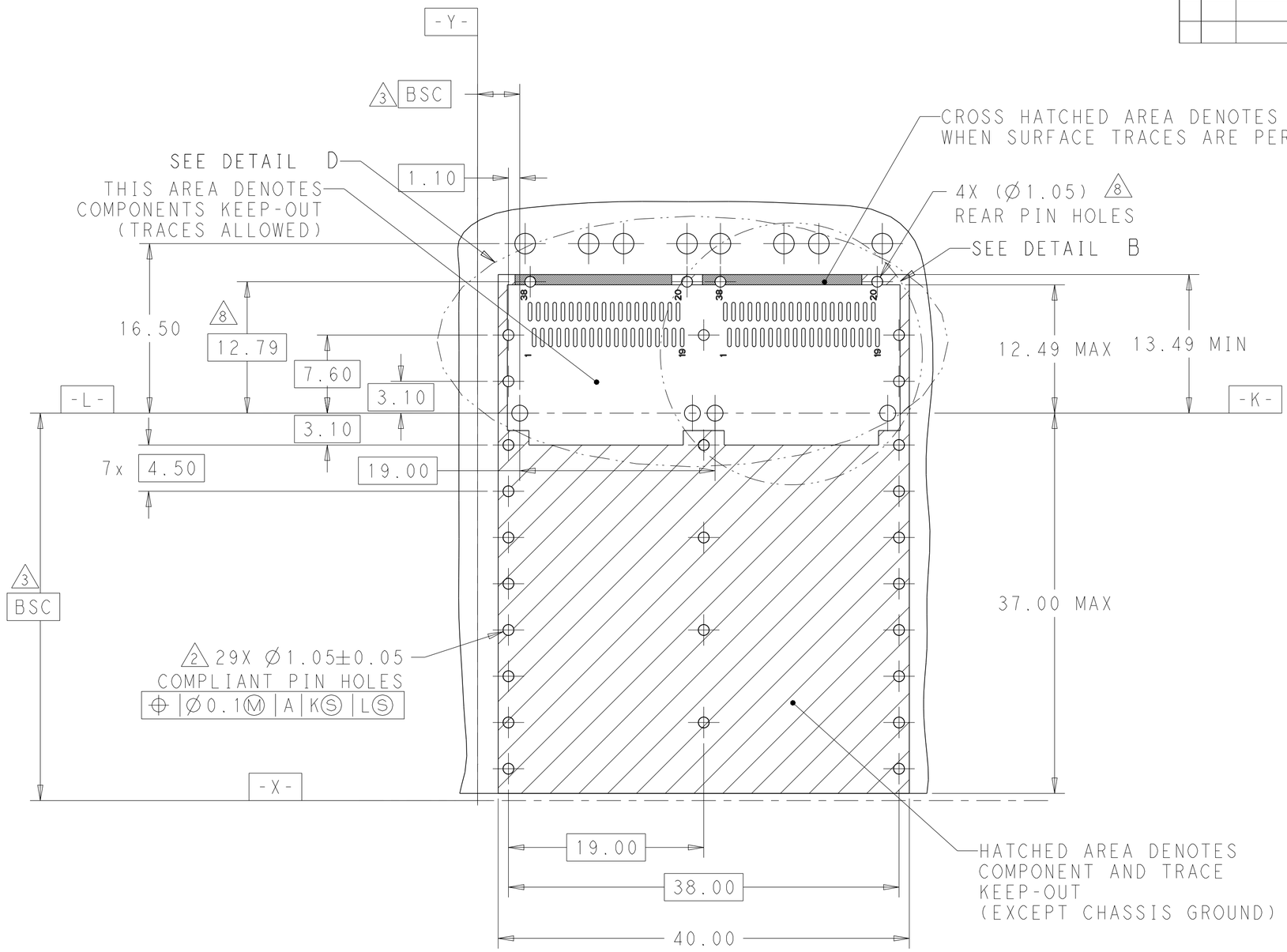
CUSTOMER DRAWING | SCALE 3:1 | SHEET 4 OF 6 | REV B2

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

LOC	DIST

REVISIONS

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



RECOMMENDED PCB LAYOUT
BELLY TO BELLY TYPE
PCB TOLERANCE: ±0.05
SCALE 3:1

THIS DRAWING IS A CONTROLLED DOCUMENT.

DIMENSIONS: mm

TOLERANCES UNLESS OTHERWISE SPECIFIED:
0 PLC ±-
1 PLC ±0.25
2 PLC ±0.2
3 PLC ±-
4 PLC ±-
ANGLES ±-

MATERIAL: SEE NOTES material_2
FINISH: SEE NOTES finish_spec_2

DWN BING LIU 16SEP2014
CHK JASON YANG 16SEP2014
APVD SEAN HAN 08NOV2016
PRODUCT SPEC 108-19428
APPLICATION SPEC 114-32023
WEIGHT -

TE Connectivity

NAME RECEPTACLE CAGE ASSEMLBY WITH LIGHT PIPES, THRU BEZEL, 1X2, QSFP28

SIZE	CAGE CODE	DRAWING NO	RESTRICTED TO
A2	00779	C-2170807	-

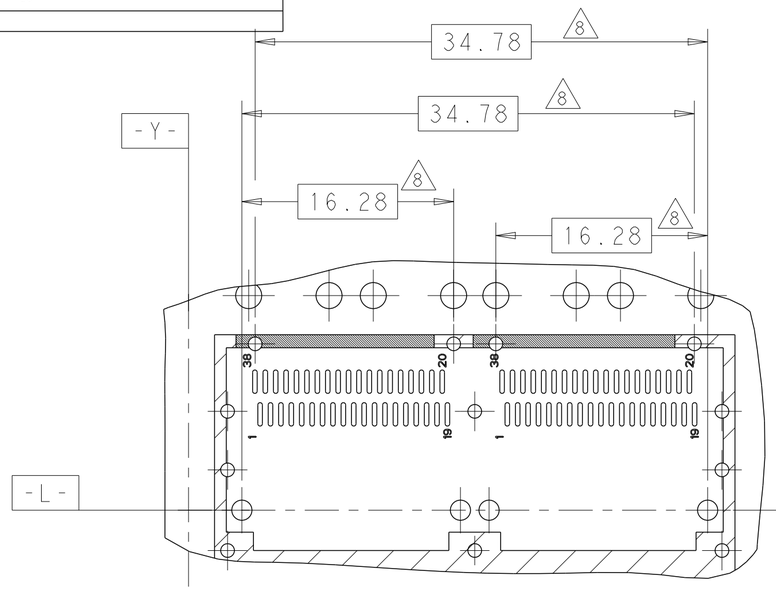
CUSTOMER DRAWING | SCALE 3:1 | SHEET 5 OF 6 | REV B2

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

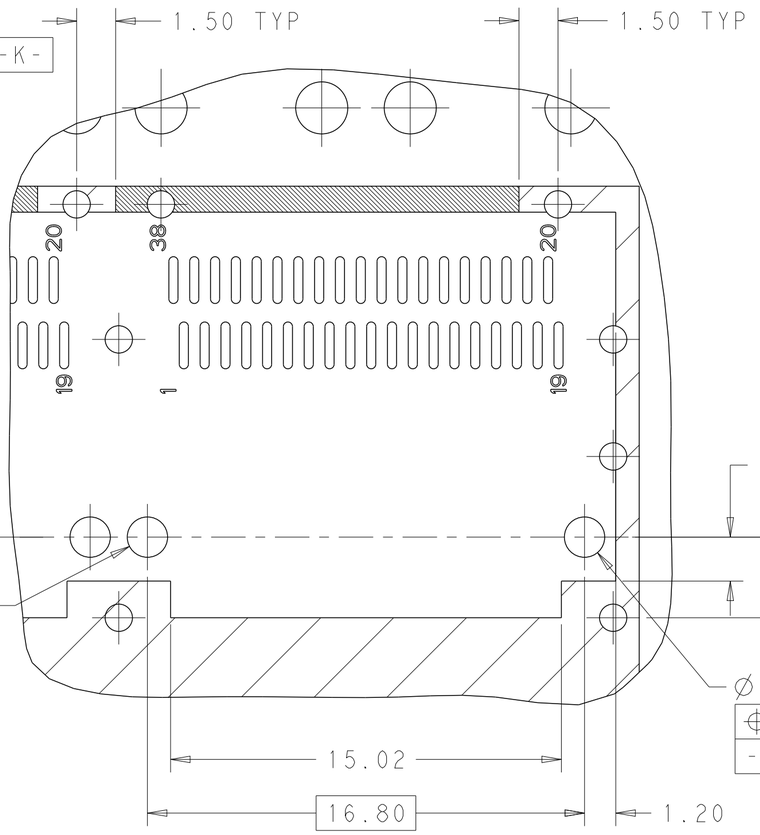
LOC	DIST

REVISIONS

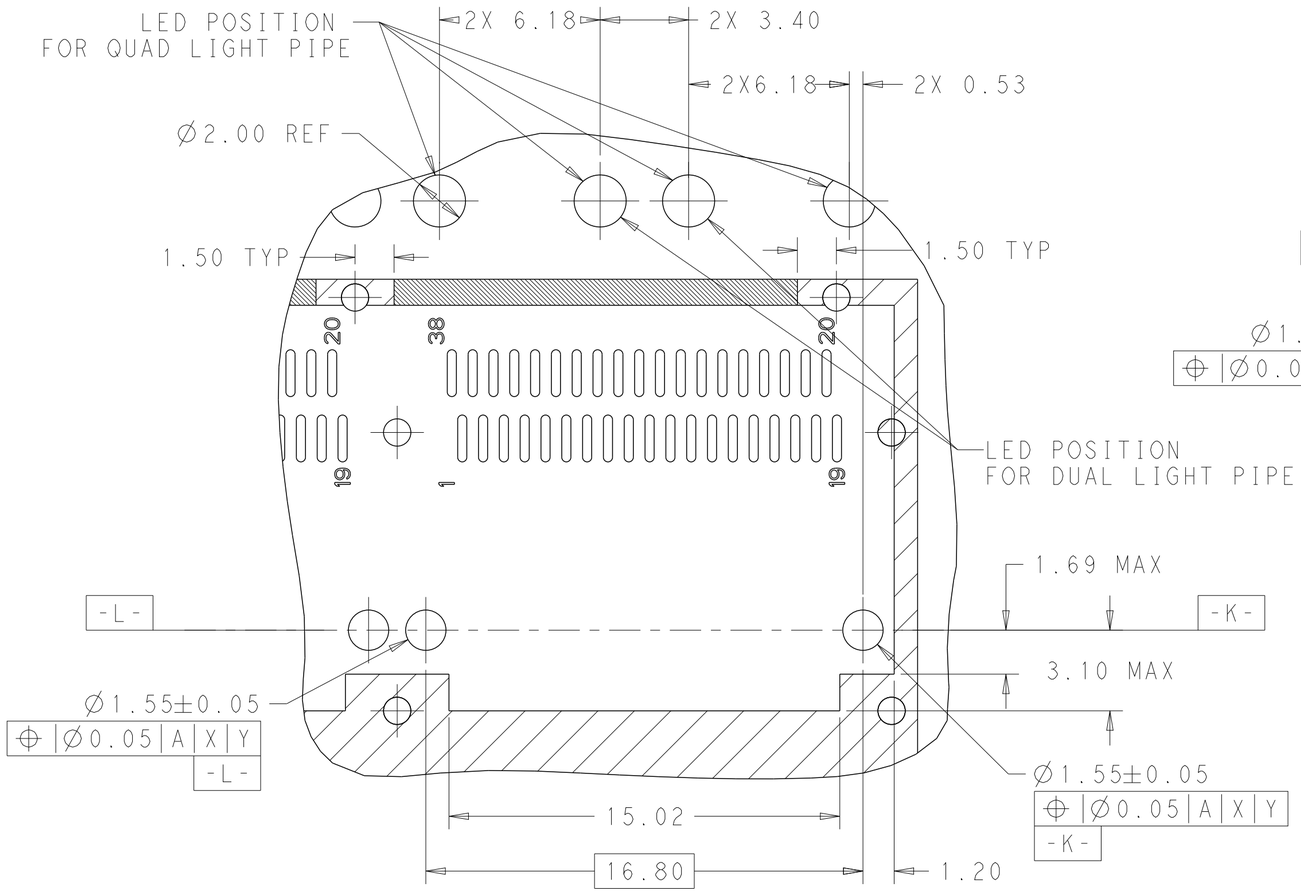
P	LTR	DESCRIPTION	DATE	DWN	APVD
	-	SEE SHEET 1	-	-	-



DETAIL D
SCALE 3:1



DETAIL B
SCALE 6:1



DETAIL A
SCALE 6:1

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN 16SEP2014 BING LIU	TE Connectivity
DIMENSIONS: mm	TOLERANCES UNLESS OTHERWISE SPECIFIED: 0 PLC ±- 1 PLC ±0.25 2 PLC ±0.2 3 PLC ±- 4 PLC ±- ANGLES ±-	CHK 16SEP2014 JASON YANG	NAME RECEPTACLE CAGE ASSEMLBY WITH LIGHT PIPES, THRU BEZEL, 1X2, QSFP28
		APVD 08NOV2016 SEAN HAN	
		PRODUCT SPEC 108-19428	
		APPLICATION SPEC 114-32023	SIZE A2 / CAGE CODE 00779 / DRAWING NO C-2170807 / RESTRICTED TO -
MATERIAL SEE NOTES material_2	FINISH SEE NOTES finish_spec_2	WEIGHT -	CUSTOMER DRAWING / SCALE 3:1 / SHEET 6 OF 6 / REV B2