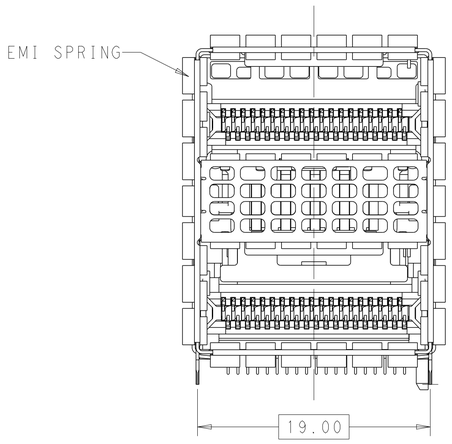
THIS DRAWING IS UNPUBLISHED. RELEASED FOR PUBLICATION 20
© COPYRIGHT 20 BY TYCO ELECTRONICS CORPORATION ALL RIGHTS RESERVED.

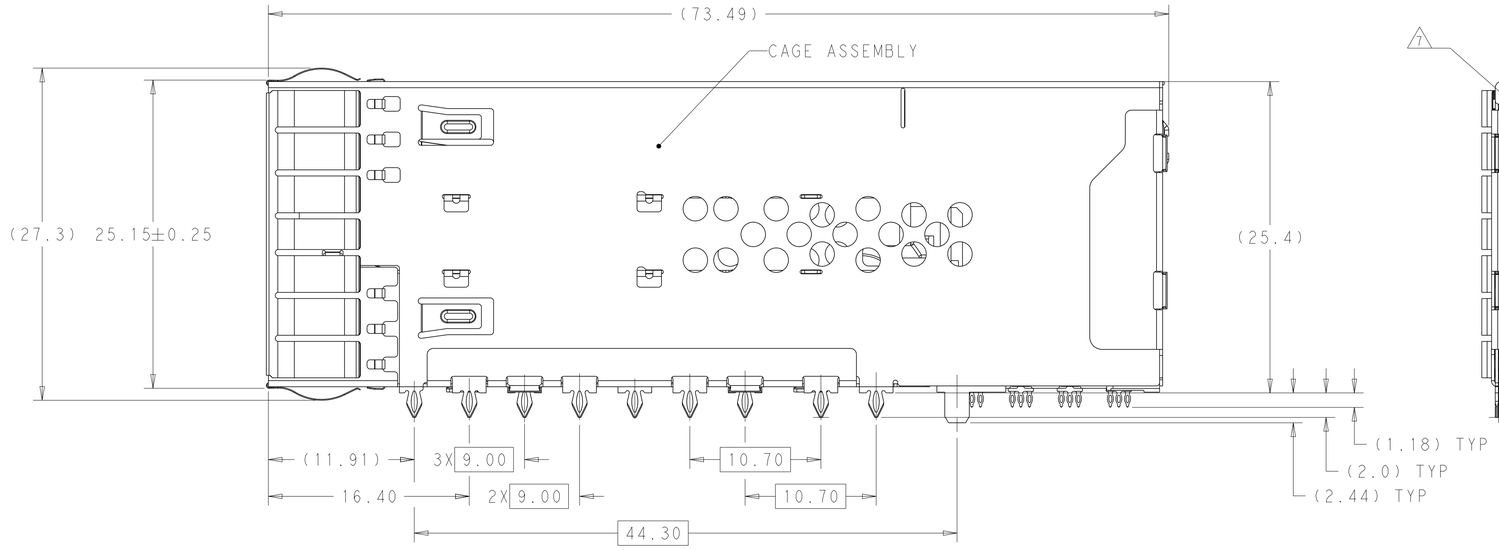
LOC	DIST
-	-

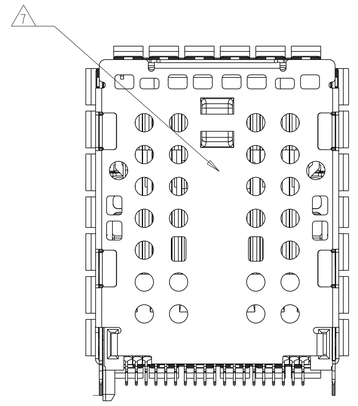
REVISIONS

P	LTR	DESCRIPTION	DATE	DWN	APVD
	C	REVISED PER ECO-18-018687	28NOV2018	TX	SH
	C2	UPDATE BELLY TO BELLY FOOTPRINT	05APR2020	RM	SH
	C3	REVISED PER ECN-22-187709	12OCT2022	RY	SZ
	C4	REVISED PER ECN-23-233140	02OCT2023	AB	SZ



2314790-1 AS SHOWN
SCALE 4:1





1. MATERIALS:
CAGE ASSEMBLY- NICKEL SILVER ALLOY PER ASTM B 122.
EMI SPRING- COPPER ALLOY, NICKEL PLATED.
HOUSING- POLYESTER LCP WITH 94V-0.
CHICKLET- POLYESTER LCP WITH 94V-0.
CONTACT- COPPER ALLOY.
LIGHTPIPE- POLYCARBONATE WITH 94V-0.

△2 CONTACT FINISH: 0.76µm GOLD ON MATING END, 0.7-1.5µm MATT TIN ON COMPLIANT AREA, ALL OVER 1.27µm NICKEL.

△3 DATUM AND BASIC DIMENSION ESTABLISHED BY CUSTOMER.

4. MINIMUM PCB THICKNESS OF 1.57.

△5 THE ENTIRE AREA OF THE CONNECTOR FOOTPRINT, INDICATED BY THE DASHED LINE, TO BE CONSIDERED THE KEEPOUT AREA FOR COMPONENTS.

△6 CROSS-HATCHED AREAS REPRESENT ZONES ON THE PCB THAT COME IN CONTACT WITH OR BE IN CLOSE PROXIMITY TO THE PLASTIC HOUSING OR THE CONNECTOR CAGE. INDICATED AREAS TO BE CONSIDERED TRACE FREE.

△7 PART NUMBER AND DATE CODE MAKED IN APPROXIMATE AREA SHOWN.

△8 HATCHED AREA IS PLACEMENT ZONE FOR LED. LED SHOULD BE CENTERED WITHIN ZONE. RECOMMEND 0805 PACKAGE.

△9 THE ORDER FOR LED LOCATION,CORRESPONDING TO THE LIGHT PIPES

CONTACT FINISH	PART NUMBER
△2	1-2314790-1
△2	2314790-5
△2	2314790-4
△2	2314790-3
△2	2314790-2
△2	2314790-1

THIS DRAWING IS A CONTROLLED DOCUMENT.

DIMENSIONS: mm

TOLERANCES UNLESS OTHERWISE SPECIFIED:
0 PLC ±-
1 PLC ±0.25
2 PLC ±0.20
3 PLC ±-
4 PLC ±-
ANGLES ±-

MATERIAL - SEE NOTE 1
FINISH - -

DWN TIM XUE 03JAN2017
CHK SEAN HAN 03JAN2017
APVD SEAN HAN 03JAN2017
PRODUCT SPEC 108-60102
APPLICATION SPEC 114-60015
WEIGHT -

TE Connectivity

NAME CAGE AND CONNECTOR ASSEMBLY WITH EMI SPRING FINGERS, THRU BEZEL, 2X1 ZQSFP+ STACKED

SIZE	CAGE CODE	DRAWING NO	RESTRICTED TO
A1	00779	C-2314790	-

CUSTOMER DRAWING | SCALE 1:1 | SHEET 1 OF 7 | REV C4

4805 (3/11)

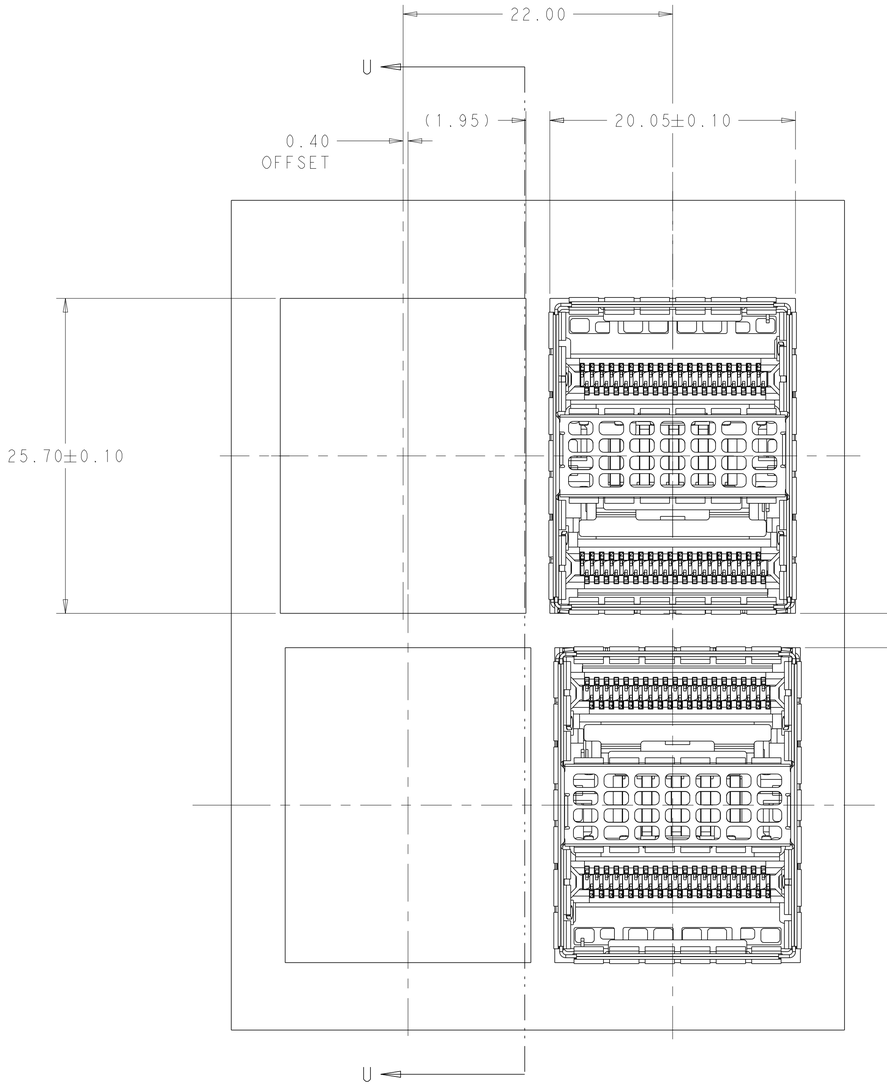
Downloaded from Arrow.com.

THIS DRAWING IS UNPUBLISHED. RELEASED FOR PUBLICATION 20
© COPYRIGHT 20 BY TYCO ELECTRONICS CORPORATION ALL RIGHTS RESERVED.

LOC	DIST
-	-

REVISIONS

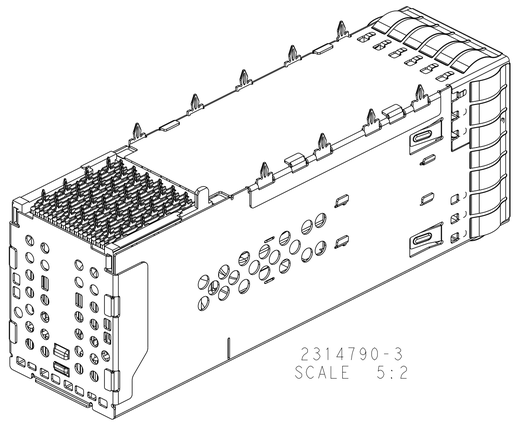
P	LTR	DESCRIPTION	DATE	DWN	APVD
	-	SEE SHEET 1	-	-	-



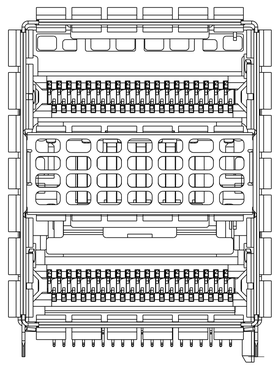
RECOMMENDED PANEL CUTOUT
AND PC BOARD, PANEL POSITION



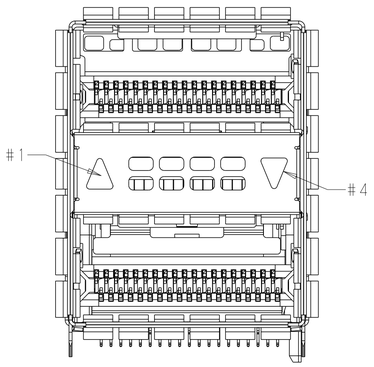
SECTION U-U



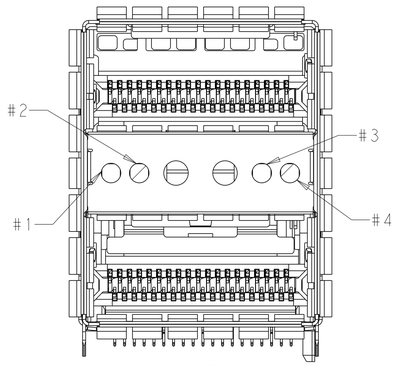
2314790-3
SCALE 5:2



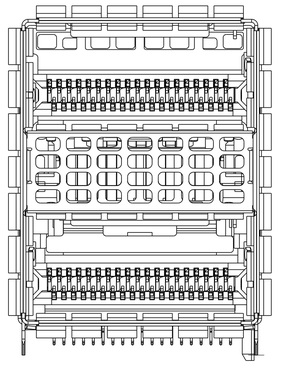
2314790-1
SCALE 4:1



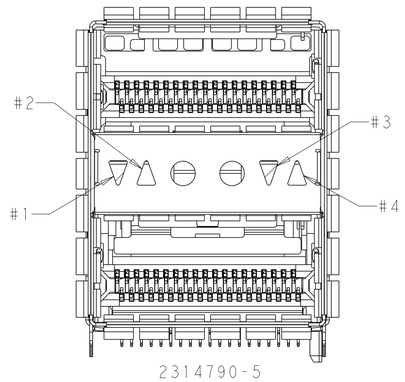
2314790-2
2314790-3
SCALE 4:1



1-2314790-1
SCALE 4:1



2314790-4
SCALE 4:1



2314790-5
SCALE 4:1

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN TIM XUE 03JAN2017	TE Connectivity
DIMENSIONS: mm	TOLERANCES UNLESS OTHERWISE SPECIFIED: 0 PLC ±- 1 PLC ±0.25 2 PLC ±0.20 3 PLC ±- 4 PLC ±- ANGLES ±-	CHK SCAN HAN 03JAN2017	NAME CAGE AND CONNECTOR ASSEMBLY WITH EMI SPRING FINGERS, THRU BEZEL, 2X1 ZQSFP+ STACKED
		APVD SCAN HAN 03JAN2017	
		PRODUCT SPEC 108-60102	
		APPLICATION SPEC 114-60015	SIZE A1 · CAGE CODE 00779 · DRAWING NO C-2314790 · RESTRICTED TO -
MATERIAL - SEE NOTE 1	FINISH - -	WEIGHT -	
CUSTOMER DRAWING		SCALE 1:1	SHEET 2 OF 7 · REV C4

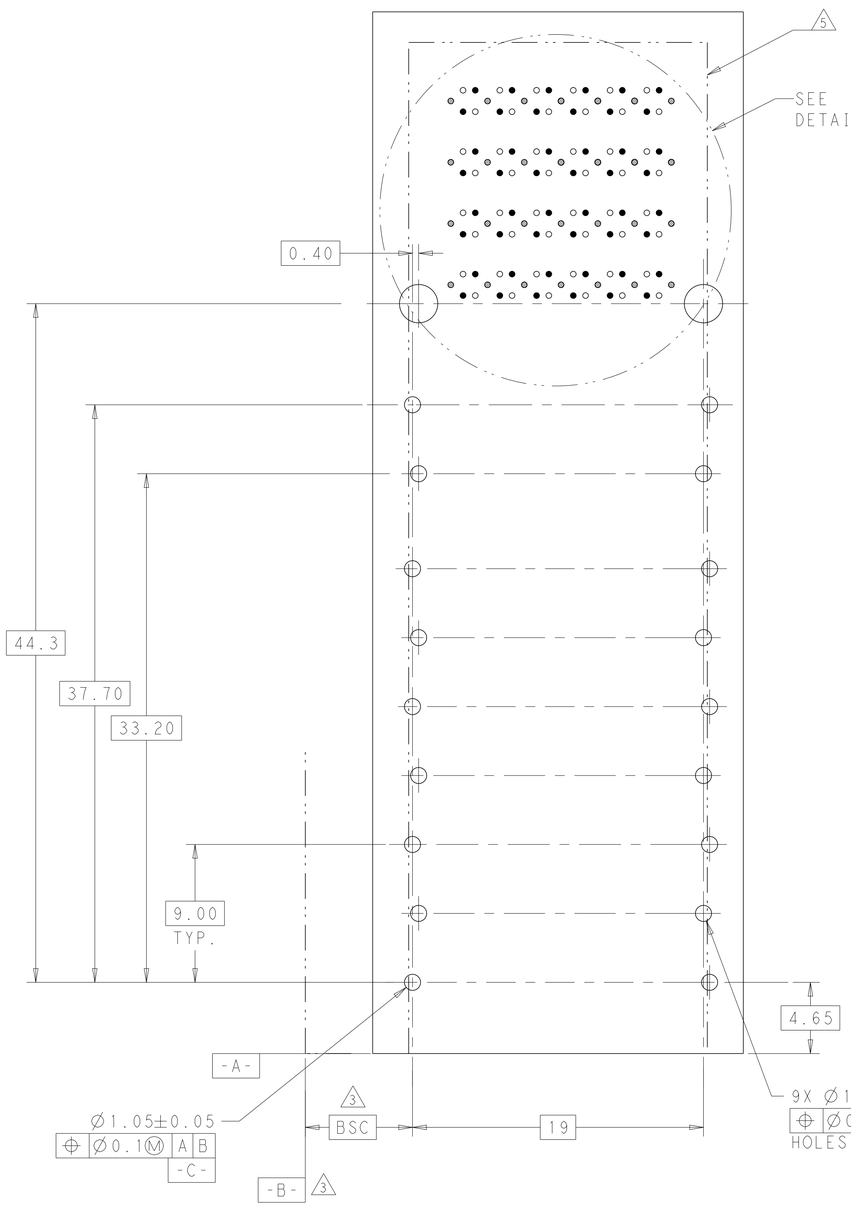
Downloaded from Arrow.com.

THIS DRAWING IS UNPUBLISHED. RELEASED FOR PUBLICATION 20
© COPYRIGHT 20 BY TYCO ELECTRONICS CORPORATION ALL RIGHTS RESERVED.

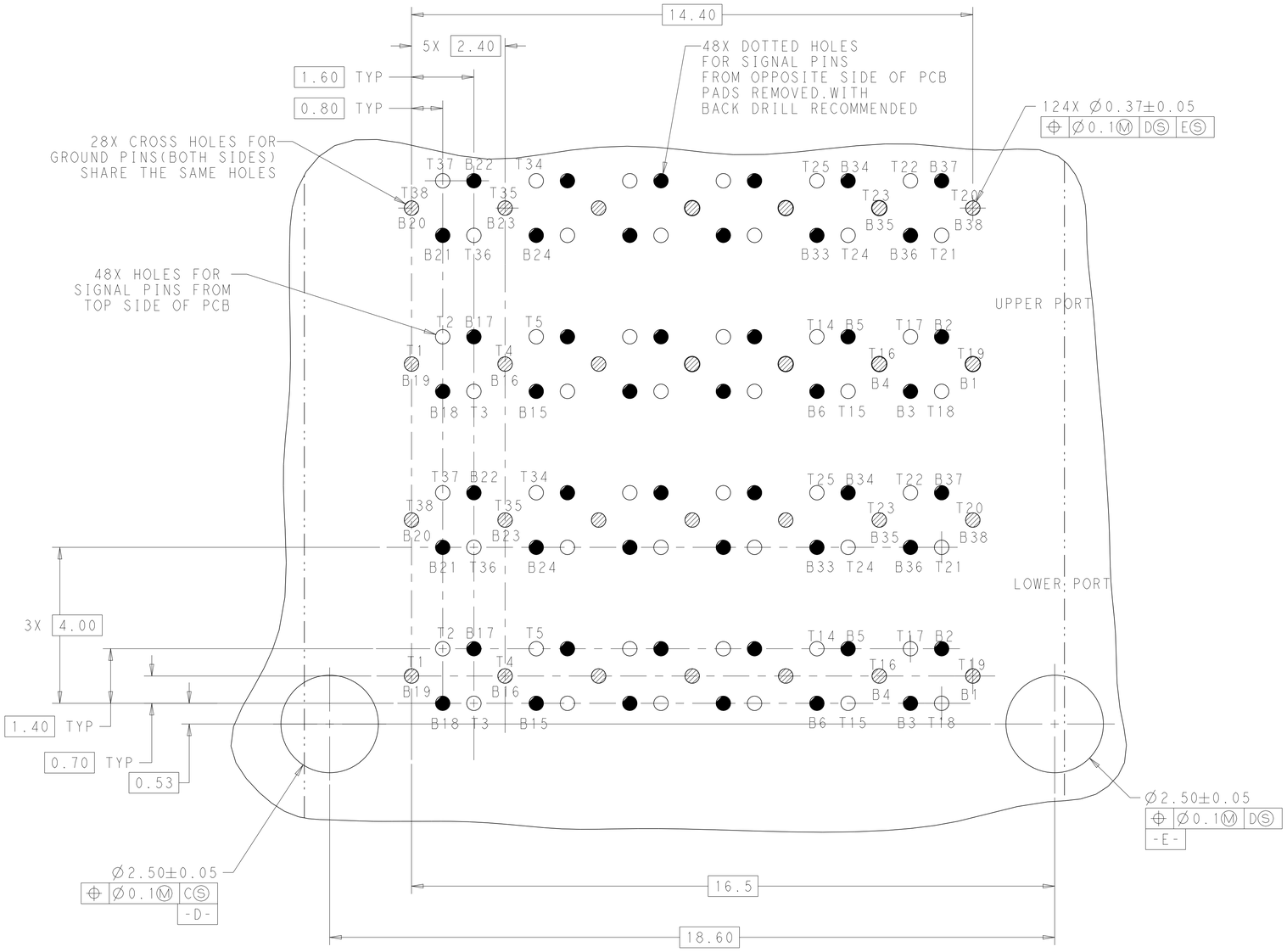
LOC	DIST
-	-

REVISIONS

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



RECOMMENDED PC BOARD LAYOUT
COMPONENT SIDE OF BOARD
SCALE 5:1
(PCB TOLERANCE: ±0.05)



DETAIL G
SCALE 15:1

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN TIM XUE 03JAN2017	TE Connectivity
		CHK SEAN HAN 03JAN2017	
DIMENSIONS: mm	TOLERANCES UNLESS OTHERWISE SPECIFIED: 0 PLC ± / 1 PLC ±0.25 / 2 PLC ±0.20 / 3 PLC ± / 4 PLC ± / ANGLES ±	APVD SEAN HAN 03JAN2017	NAME CAGE AND CONNECTOR ASSEMBLY WITH EMI SPRING FINGERS, THRU BEZEL, 2X1 ZQSFP+ STACKED
		PRODUCT SPEC 108-60102	
		APPLICATION SPEC 114-60015	SIZE A1 / CAGE CODE 00779 / DRAWING NO C-2314790 / RESTRICTED TO -
MATERIAL - SEE NOTE 1	FINISH - -	WEIGHT -	
		CUSTOMER DRAWING	SCALE 1:1 / SHEET 3 OF 7 / REV C4

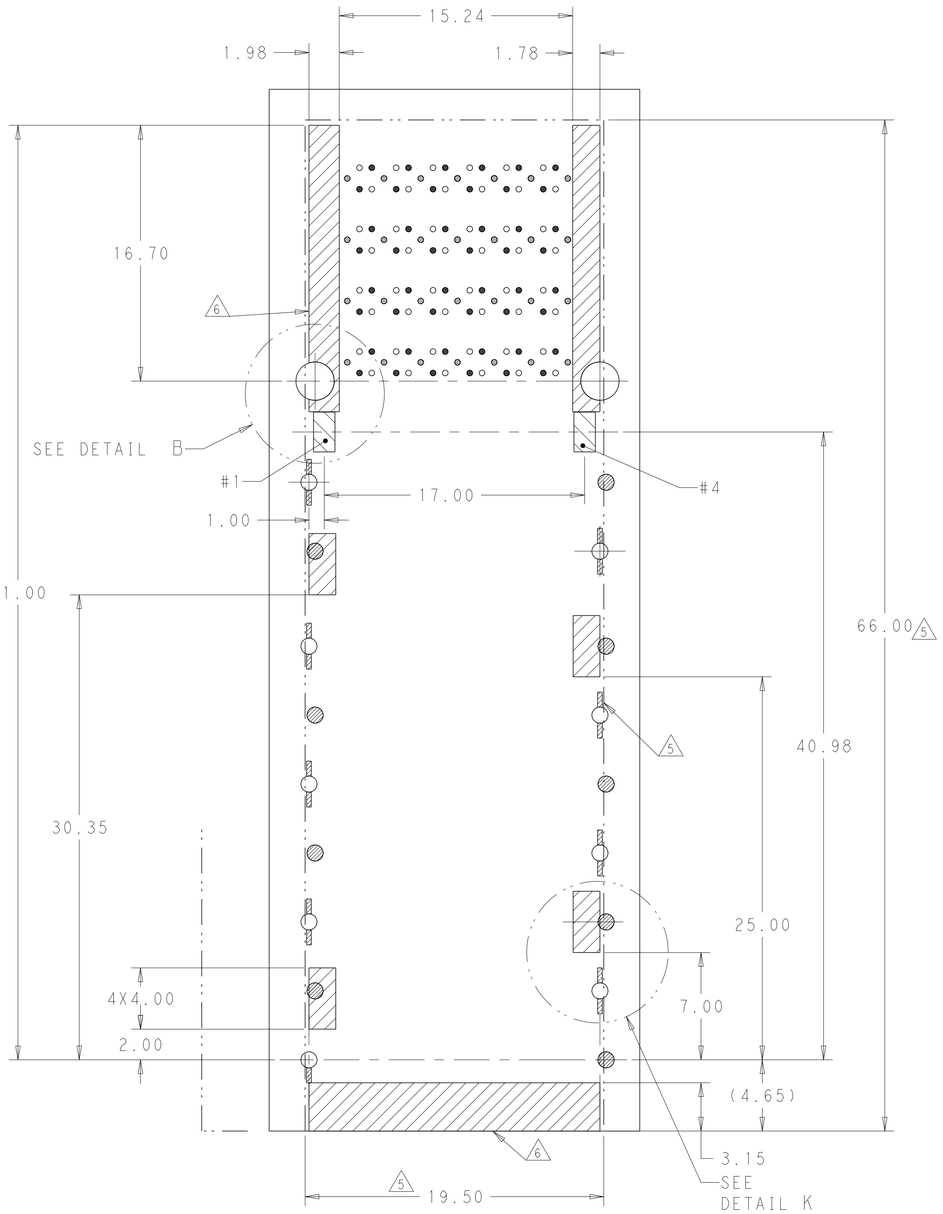
Downloaded from Arrow.com.

THIS DRAWING IS UNPUBLISHED. RELEASED FOR PUBLICATION 20
© COPYRIGHT 20 BY TYCO ELECTRONICS CORPORATION ALL RIGHTS RESERVED.

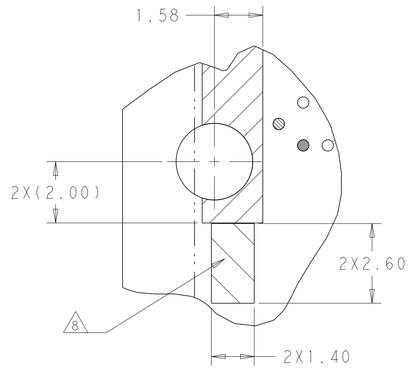
LOC	DIST
-	-

REVISIONS

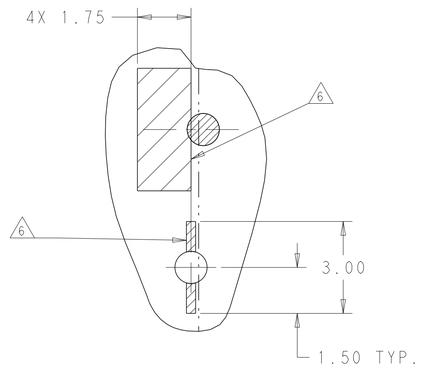
P	LTR	DESCRIPTION	DATE	DWN	APVD
	-	SEE SHEET 1	-	-	-



KEEPOUT AREAS FOR NO OR 2 LP APPLICATON
COMPONENT SIDE OF BOARD
SCALE 5:1



DETAIL B
SCALE 10:1



DETAIL K
SCALE 10:1

THIS DRAWING IS A CONTROLLED DOCUMENT.

DIMENSIONS: mm

TOLERANCES UNLESS OTHERWISE SPECIFIED:
0 PLC ±-
1 PLC ±0.25
2 PLC ±0.20
3 PLC ±-
4 PLC ±-
ANGLES ±-

MATERIAL - SEE NOTE 1
FINISH - -

DWN TIM XUE 03JAN2017
CHK SEAN HAN 03JAN2017
APVD SEAN HAN 03JAN2017
PRODUCT SPEC 108-60102
APPLICATION SPEC 114-60015
WEIGHT -

TE Connectivity

NAME CAGE AND CONNECTOR ASSEMBLY WITH EMI SPRING FINGERS, THRU BEZEL, 2X1 ZQSFP+ STACKED

SIZE	CAGE CODE	DRAWING NO	RESTRICTED TO
A1	00779	C-2314790	-

CUSTOMER DRAWING | SCALE 1:1 | SHEET 4 OF 7 | REV C4

4805 (3/11)

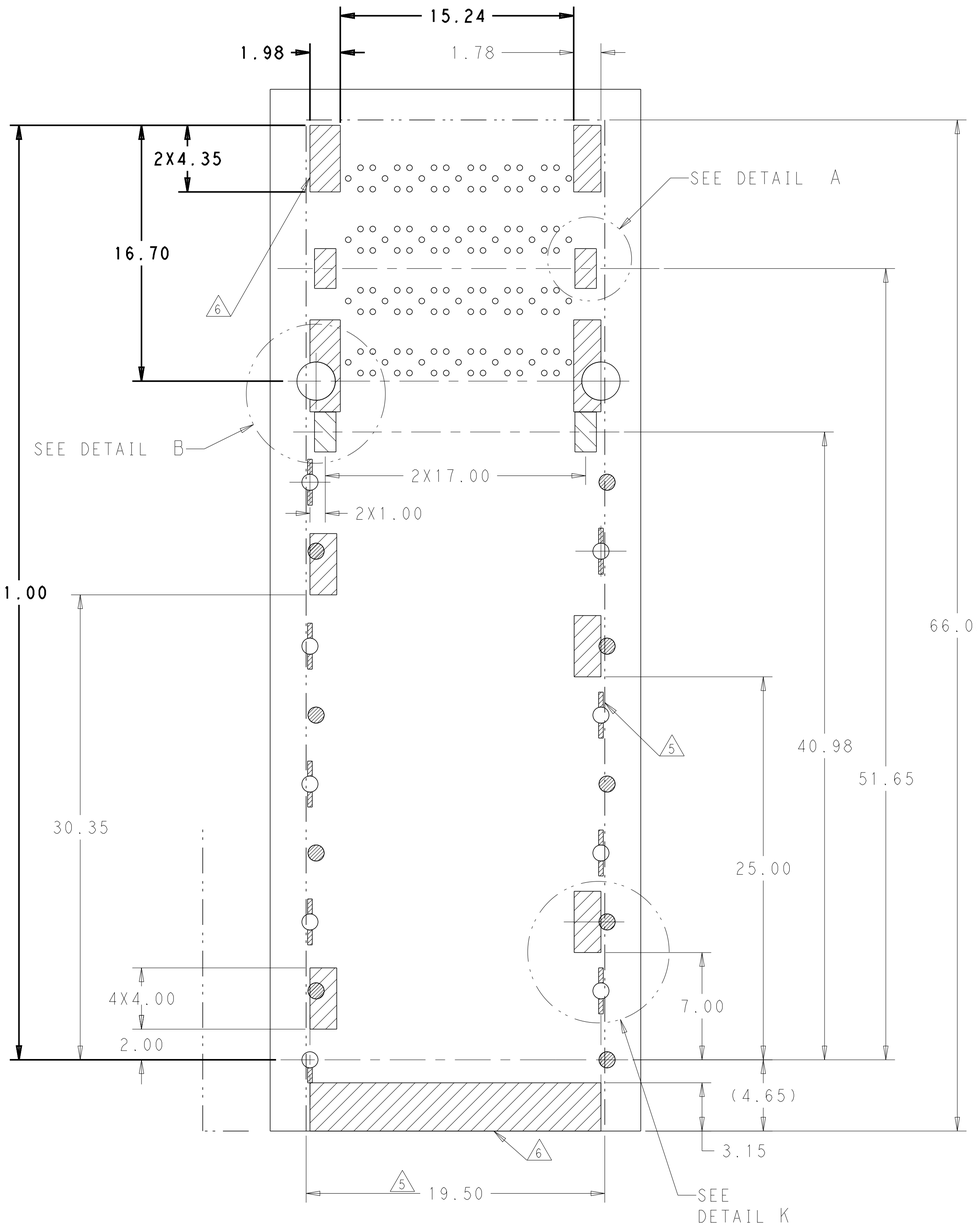
Downloaded from Arrow.com.

THIS DRAWING IS UNPUBLISHED. RELEASED FOR PUBLICATION 20
© COPYRIGHT 20 BY TYCO ELECTRONICS CORPORATION ALL RIGHTS RESERVED.

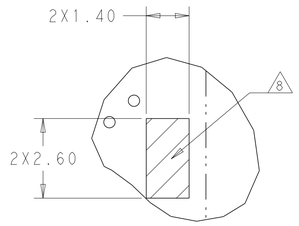
LOC	DIST
-	-

REVISIONS

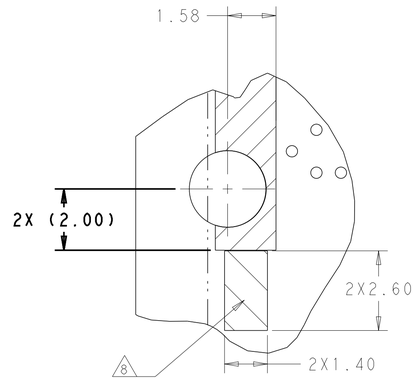
P	LTR	DESCRIPTION	DATE	DWN	APVD
	-	SEE SHEET 1	-	-	-



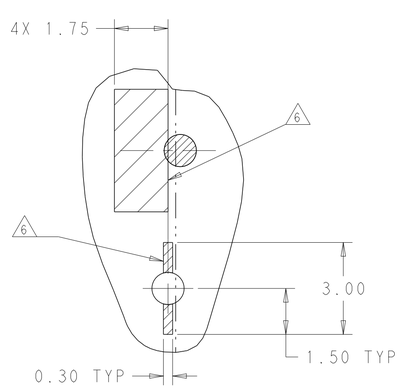
KEEPOUT AREAS FOR 4 LP APPLICATON
COMPONENT SIDE OF BOARD
SCALE 5:1



DETAIL A
SCALE 10:1



DETAIL B
SCALE 10:1



DETAIL K
SCALE 10:1

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN TIM XUE 03JAN2017	TE Connectivity
		CHK SEAN HAN 03JAN2017	
DIMENSIONS: mm	TOLERANCES UNLESS OTHERWISE SPECIFIED: 0 PLC ±- 1 PLC ±0.25 2 PLC ±0.20 3 PLC ±- 4 PLC ±- ANGLES ±-	APVD SEAN HAN 03JAN2017	NAME CAGE AND CONNECTOR ASSEMBLY WITH EMI SPRING FINGERS, THRU BEZEL, 2X1 ZQSFP+ STACKED
		PRODUCT SPEC 108-60102	
		APPLICATION SPEC 114-60015	SIZE A1 / CAGE CODE 00779 / DRAWING NO C-2314790 / RESTRICTED TO -
MATERIAL - SEE NOTE 1	FINISH - -	WEIGHT -	
		CUSTOMER DRAWING	SCALE 1:1 / SHEET 5 OF 7 / REV C4

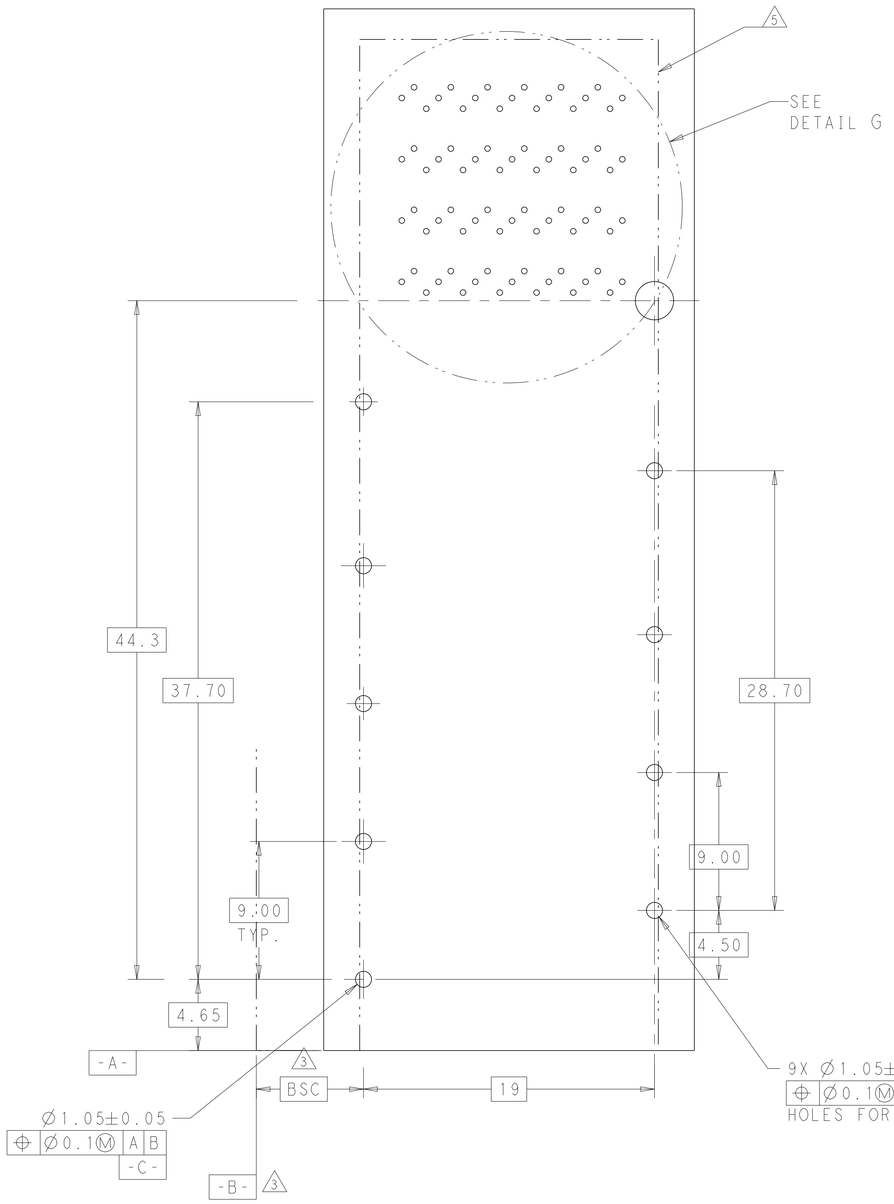
Downloaded from Arrow.com.

THIS DRAWING IS UNPUBLISHED. RELEASED FOR PUBLICATION 20
© COPYRIGHT 20 BY TYCO ELECTRONICS CORPORATION ALL RIGHTS RESERVED.

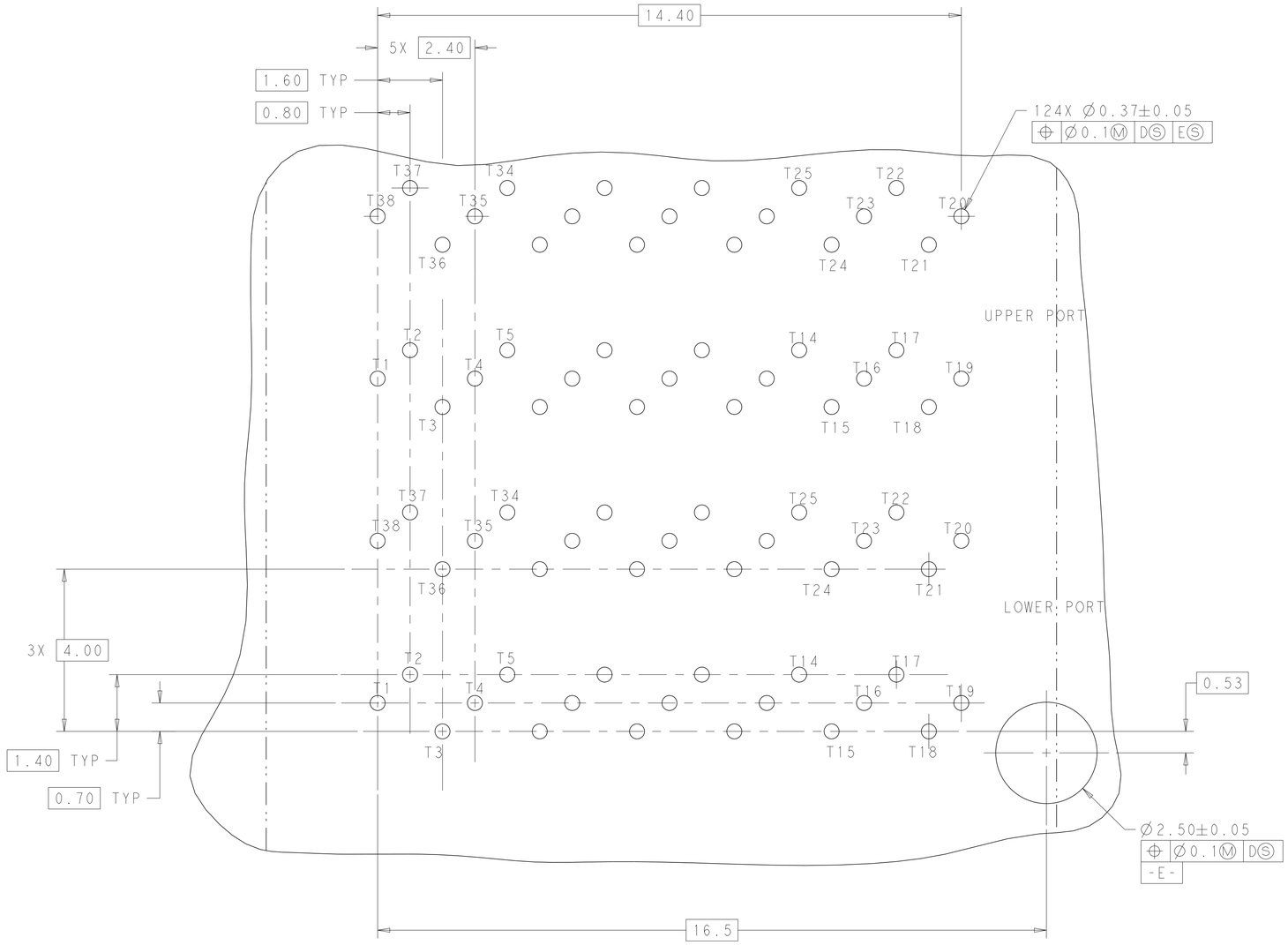
LOC	DIST
-	-

REVISIONS

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



RECOMMENDED FOR SINGLE SIDE LAYOUT
SCALE 5:1
(PCB TOLERANCE: ±0.05)



DETAIL G
SCALE 15:1

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN TIM XUE 03JAN2017	TE Connectivity
		CHK SCAN HAN 03JAN2017	
DIMENSIONS: mm	TOLERANCES UNLESS OTHERWISE SPECIFIED: 0 PLC ±- 1 PLC ±0.25 2 PLC ±0.20 3 PLC ±- 4 PLC ±- ANGLES ±-	APVD SCAN HAN 03JAN2017	NAME CAGE AND CONNECTOR ASSEMBLY WITH EMI SPRING FINGERS, THRU BEZEL, 2X1 ZQSFP+ STACKED
		PRODUCT SPEC 108-60102	
		APPLICATION SPEC 114-60015	SIZE A1 · CAGE CODE 00779 · DRAWING NO C-2314790 · RESTRICTED TO -
MATERIAL - SEE NOTE 1	FINISH - -	WEIGHT -	SCALE 1:1 · SHEET 6 OF 7 · REV C4
		CUSTOMER DRAWING	

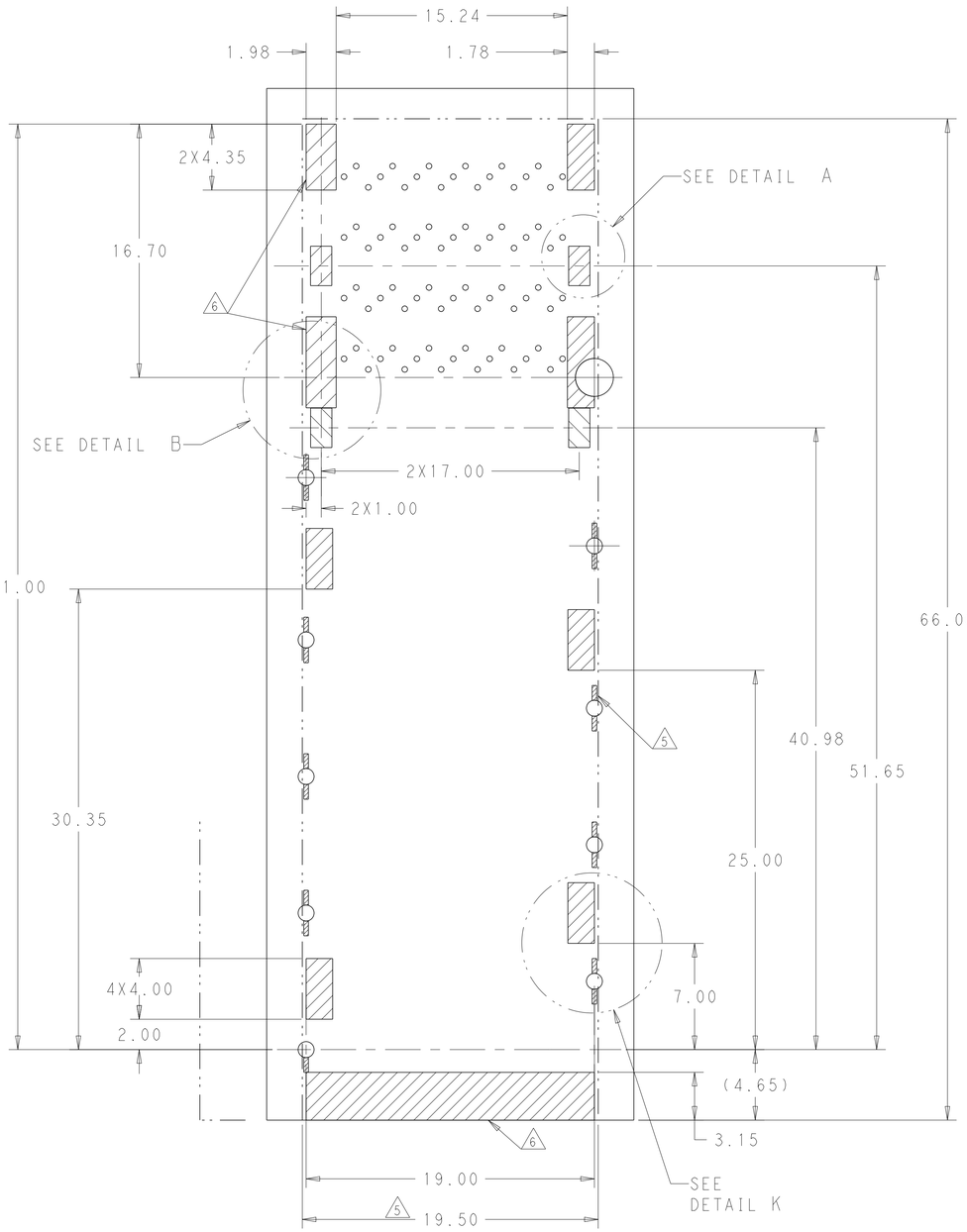
Downloaded from Arrow.com.

THIS DRAWING IS UNPUBLISHED. RELEASED FOR PUBLICATION 20
© COPYRIGHT 20 BY TYCO ELECTRONICS CORPORATION ALL RIGHTS RESERVED.

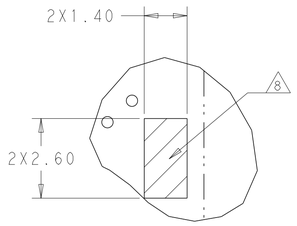
LOC	DIST
-	-

REVISIONS

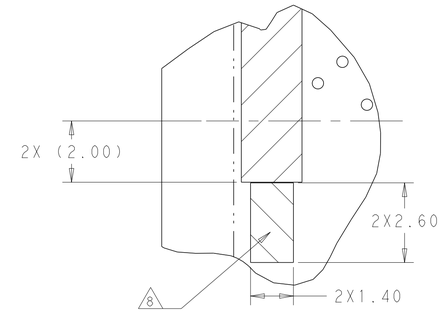
P	LTR	DESCRIPTION	DATE	DWN	APVD
	-	SEE SHEET 1	-	-	-



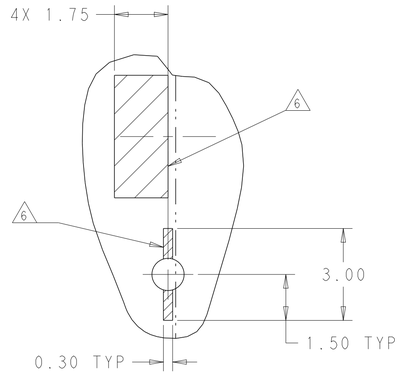
KEEPOUT AREAS FOR 4 LP APPLICATON
SINGLE SIDE OF BOARD
SCALE 5:1



DETAIL A
SCALE 10:1



DETAIL B
SCALE 10:1



DETAIL K
SCALE 10:1

THIS DRAWING IS A CONTROLLED DOCUMENT.

DIMENSIONS: mm

TOLERANCES UNLESS OTHERWISE SPECIFIED:
0 PLC ±-
1 PLC ±0.25
2 PLC ±0.20
3 PLC ±-
4 PLC ±-
ANGLES ±-

MATERIAL - SEE NOTE 1
FINISH - -

DWN TIM XUE 03JAN2017
CHK SEAN HAN 03JAN2017
APVD SEAN HAN 03JAN2017
PRODUCT SPEC 108-60102
APPLICATION SPEC 114-60015
WEIGHT -

TE Connectivity

NAME CAGE AND CONNECTOR ASSEMBLY WITH EMI SPRING FINGERS, THRU BEZEL, 2X1 ZQSFP+ STACKED

SIZE	CAGE CODE	DRAWING NO	RESTRICTED TO
A1	00779	C-2314790	-

CUSTOMER DRAWING | SCALE 4:1 | SHEET 7 OF 7 | REV C4

4805 (3/11)

Downloaded from Arrow.com.