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20

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3

2

1

REVISIONS

P	LTR	DESCRIPTION	DATE	DWN	APVD
	A	INITIAL RELEASE	31DEC2018	J.M	S.L

SHOWN AS: 2305018-2

9.50±0.20

Ø2.00 REF FOR PICKING AREA

DATE CODE AREA

YYWWD\*\*

Ø2.00 REF FOR PICKING AREA

8.65±0.15

1.15 REF PICK AREA

1.15 FRONT TO SEALING

0.50 REF

9.35±0.15

DATUM X

-YA-

8.34

-X-

2.56

-Z-

A1

A12

B12

B1

0.15 REF

8.90

9.85±0.15 (SEALING)

DATUM Z

DATUM X

5

(SEALING)

4.06±0.15

1

2

3

4

8

3.56±0.15

1.50±0.15 CENTER ON BOARD

0.70±0.05

0.60 REF HOUSING

5.70

1.20

3.13±0.15

0.02 REF REAR TAIL OF BRACKET SHELL

0.50

SEATING PLANE

1.10±0.08

1.30±0.08

3.20±0.10

1.40 REF

1.15 REF

7

2305018-2 (IPX8)

1-2305018-2 (NONE WATER PROOF)

2305018-3 GREEN COLOR (IPX8)

NOTES:

1.MATERIAL : SEE TABLE "A".

2.FINISH : SEE TABLE "A".

△3 . PICKING AREA

△4 . DATE CODE AREA

5. SC = SHARP CORNER

△4 YYWWD\*\* DAY SHIFT OR NIGHT SHIFT

ASSY LINE NO. A,B,C,\*\*\*

0.10

FOR SMT TAILS(TYP 26) BEFORE REFLOW 0.10MAX. AFTER REFLOW 0.12MAX.

0.08 REF THE STEP OF BRACKET SHELL TAIL

FOR BRACKET TAILS(TYP 1) (NOT SOLDER)

TABLE "A"

-	PACKAGE				
⑨	POTTING	SILICONE			
⑧	SEALING	SILICONE			
⑦	LOWER CONTACT	COPPER ALLOY OR EQUIVALENT	FUNCTION AREA: Au 0.75um PLATED.		
⑥	UPPER CONTACT	COPPER ALLOY OR EQUIVALENT	SOLDER AREA:GOLD FLASH PLATED.		
⑤	INNER SHELL	STAINLESS STEEL OR EQUIVALENT	CLEANING		
④	MID-PLATE	STAINLESS STEEL	NI PLATED ON SOLDER TAIL		
③	MAIN IM	HIGH TEMPERATURE THERMO PLASTIC	GREEN, UL94V-0		
②	MAIN SHELL	STAINLESS STEEL OR EQUIVALENT	CLEANING		
①	BRACKET SHELL	STAINLESS STEEL	NI PLATED		
ITEM	DESCRIPTION	MATERIAL	REMARK	Q'TY	Q'TY

THIS DRAWING IS A CONTROLLED DOCUMENT.

DIMENSIONS: mm

TOLERANCES UNLESS OTHERWISE SPECIFIED:

0 PLC ±0.5

1 PLC ±0.25

2 PLC ±0.25

3 PLC ±0.25

4 PLC ±0.25

ANGLES ±3°

MATERIAL -

FINISH -

DWN 27-AUG-2018 SOLDIER ZHANG

CHK 27-AUG-2018 SIMON LI

APVD 27-AUG-2018 SIMON LI

PRODUCT SPEC 108-115129-2

APPLICATION SPEC 501-115141-2

WEIGHT -

CUSTOMER DRAWING

TE Connectivity

NAME TYPE C RECEPTACLE ON BOARD

SIZE A3

CAGE CODE -

DRAWING NO C-2305018

RESTRICTED TO -

SCALE 6:1

SHEET 1 OF 6

REV A

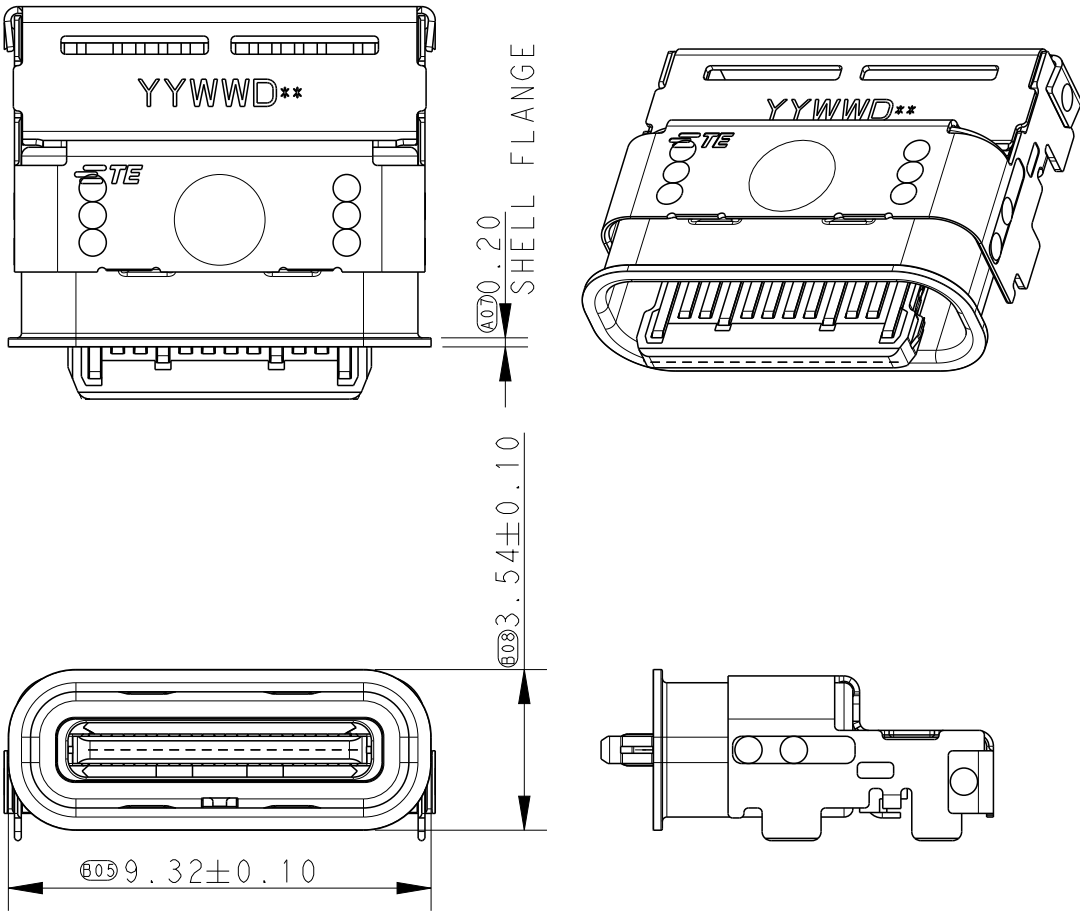
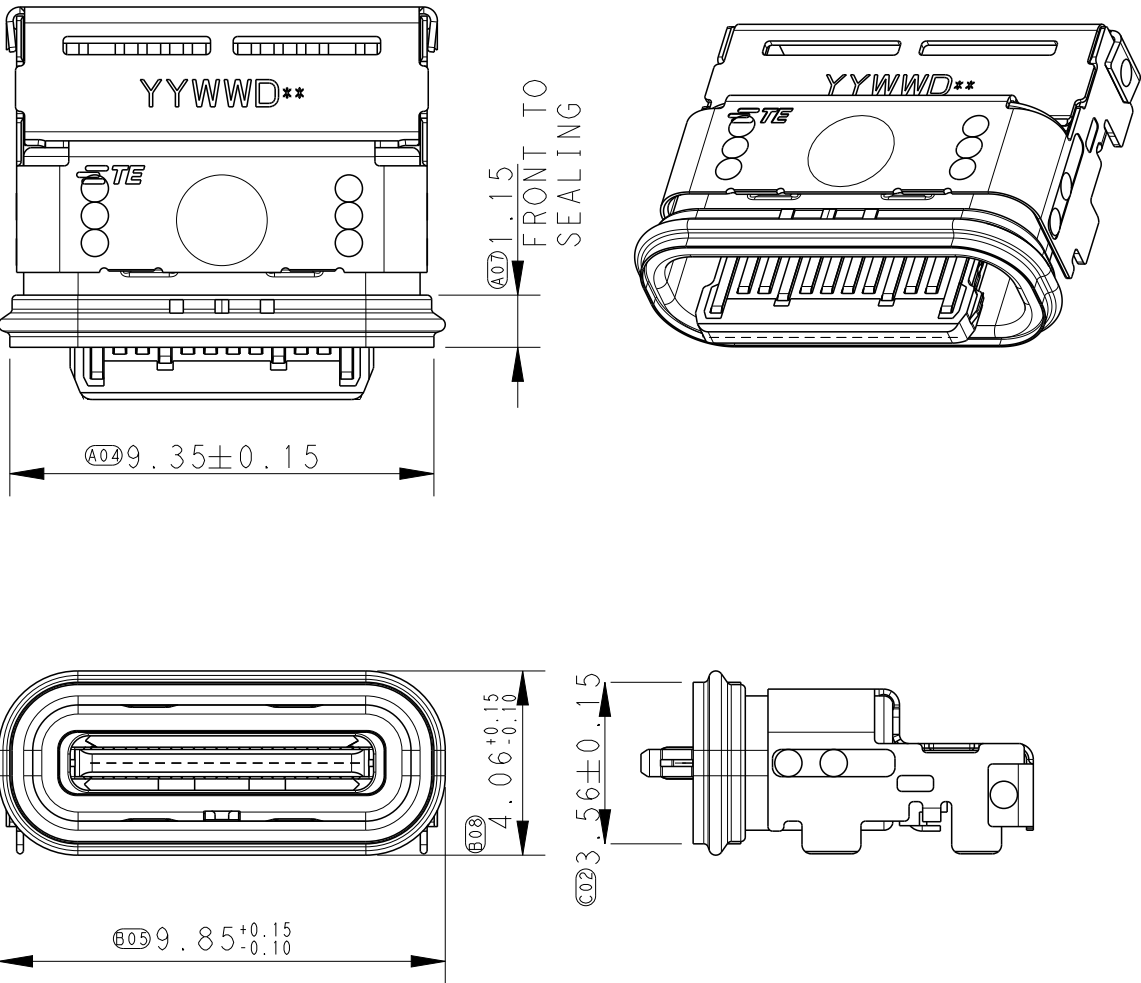
1470-19 (3/13)


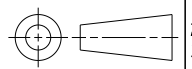


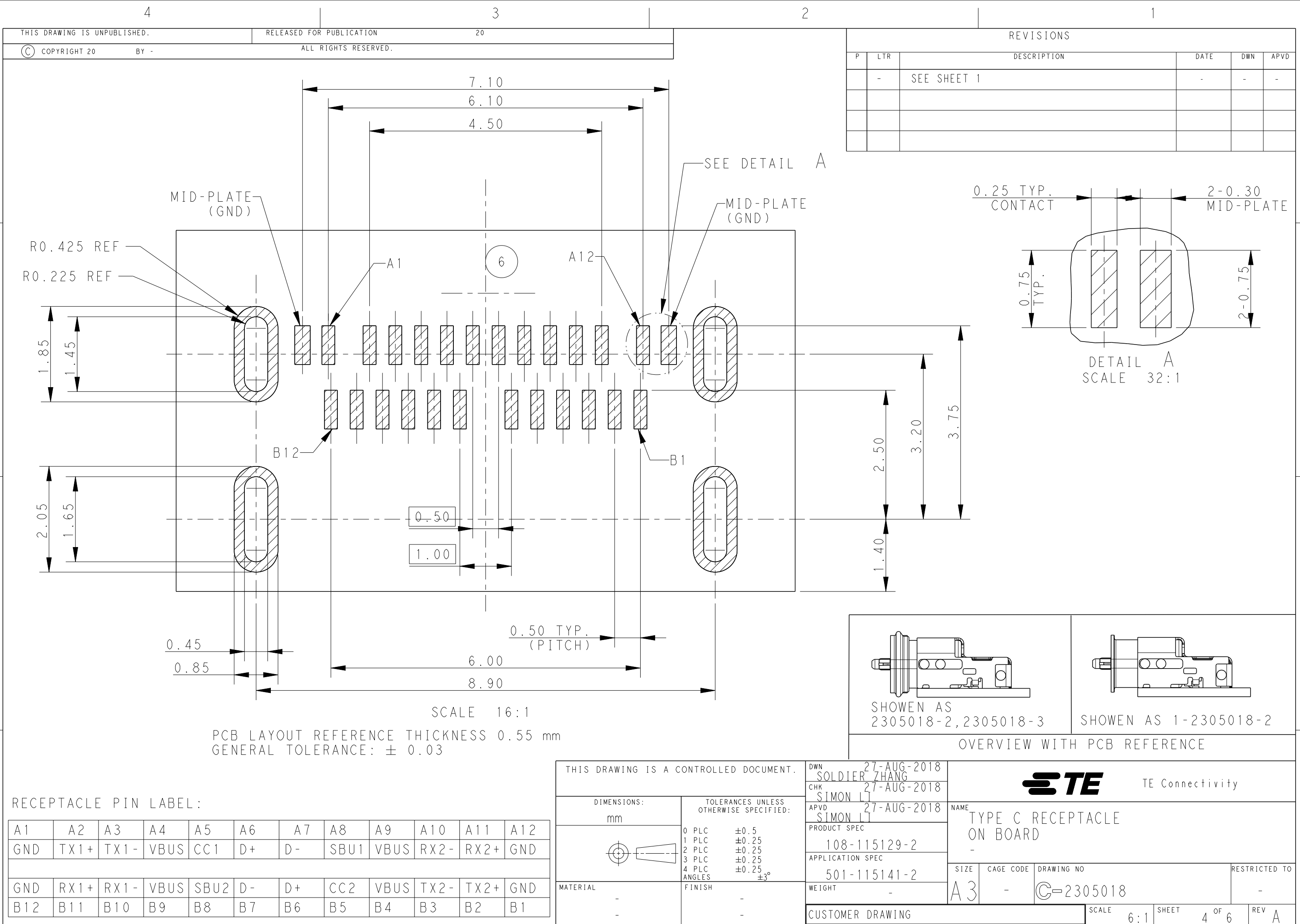
REVISIONS					
P	LTR	DESCRIPTION	DATE	DWN	APVD
	-	SEE SHEET 1	-	-	-

SHOWN AS: 2305018-2, 2305018-3

SHOWN AS: 1-2305018-2



THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN SOLDIER ZHANG 27-AUG-2018	 TE Connectivity		
DIMENSIONS: mm		CHK SIMON LI 27-AUG-2018			
		APVD SIMON LI 27-AUG-2018	NAME TYPE C RECEPTACLE ON BOARD		
TOLERANCES UNLESS OTHERWISE SPECIFIED:		PRODUCT SPEC 108-115129-2	SIZE A3		
0 PLC ±0.5 1 PLC ±0.25 2 PLC ±0.25 3 PLC ±0.25 4 PLC ±0.25 ANGLES ±3°		APPLICATION SPEC 501-115141-2	CAGE CODE -		
MATERIAL -		WEIGHT -	DRAWING NO C-2305018		
FINISH -		CUSTOMER DRAWING	RESTRICTED TO -		
		SCALE 6:1	SHEET 3 OF 6		
			REV A		



RECEPTACLE PIN LABEL:

A1	A2	A3	A4	A5	A6	A7	A8	A9	A10	A11	A12
GND	TX1+	TX1-	VBUS	CC1	D+	D-	SBU1	VBUS	RX2-	RX2+	GND
GND	RX1+	RX1-	VBUS	SBU2	D-	D+	CC2	VBUS	TX2-	TX2+	GND
B12	B11	B10	B9	B8	B7	B6	B5	B4	B3	B2	B1

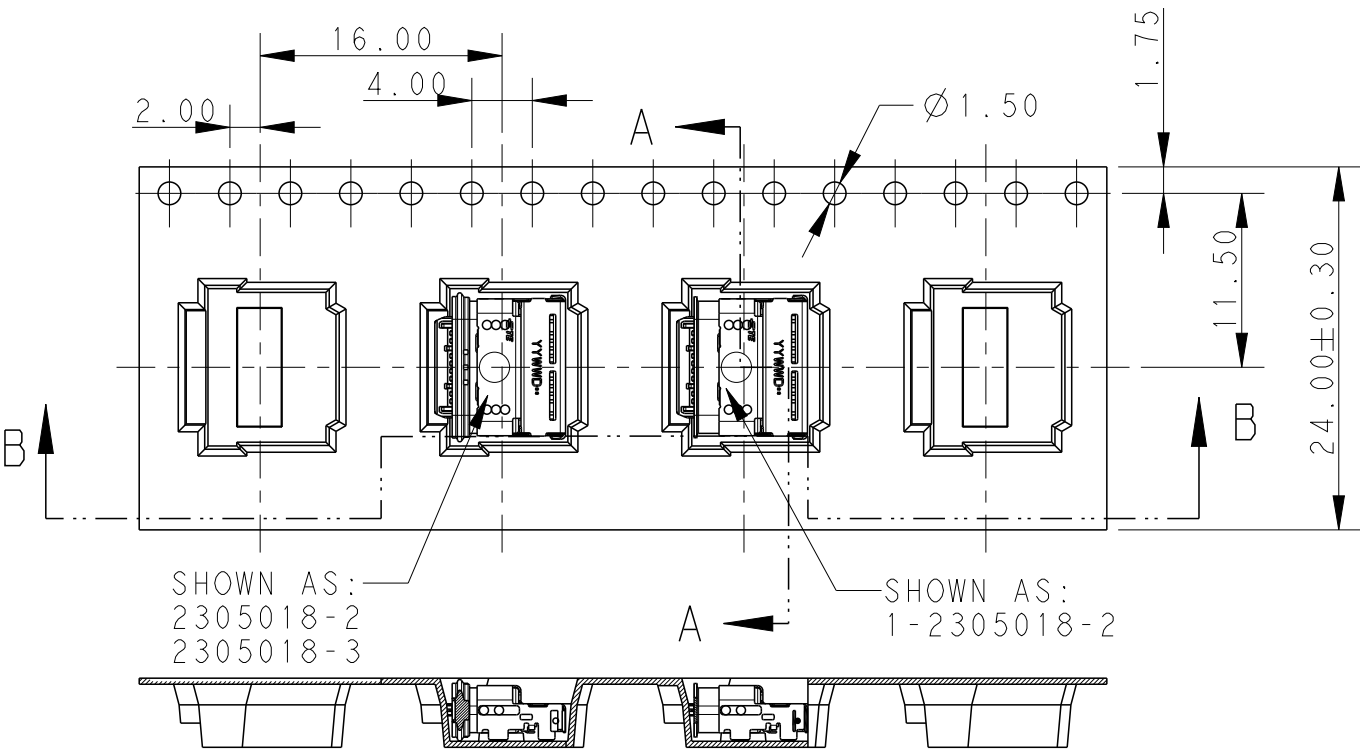
THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN 27-AUG-2018 SOLDIER ZHANG	<div>TE Connectivity</div> <div>TYPE C RECEPTACLE ON BOARD</div>		
DIMENSIONS:		CHK 27-AUG-2018 SIMON LI			
mm		APVD 27-AUG-2018 SIMON LI			
		PRODUCT SPEC 108-115129-2			
		APPLICATION SPEC 501-115141-2	NAME		
MATERIAL		WEIGHT	SIZE	CAGE CODE	DRAWING NO
-		-	A3	-	C-2305018
FINISH		CUSTOMER DRAWING	SCALE	SHEET	REV
-			6:1	4 OF 6	A

REVISIONS

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

SHOWN AS: 2305018-2, 2305018-3, 1-2305018-2

CUSTOMER FEED DIRECTION →

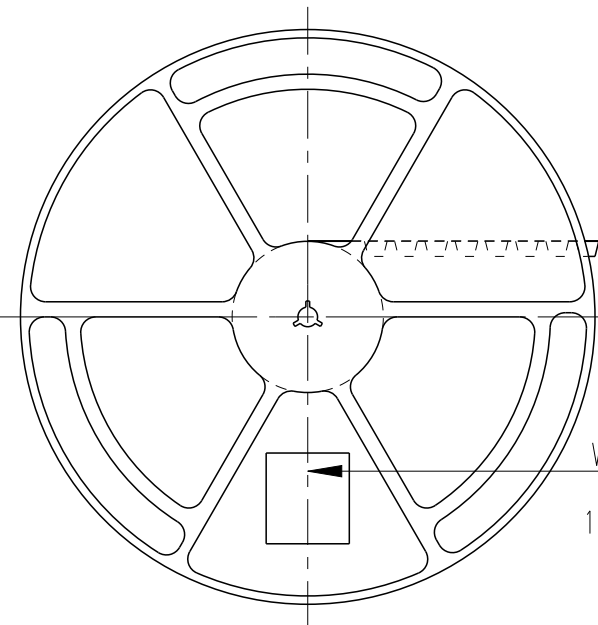
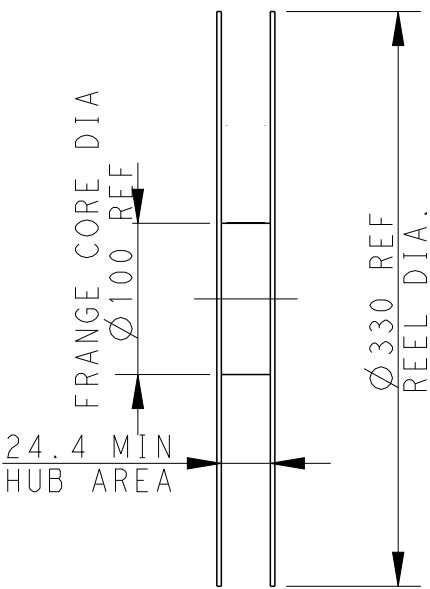


NOTE:

1. PACKAGE SPECIFIED PER EIA-481 UNLESS OTHERWISE.
2. EMBOSS: ANTISTATIC MATERIAL, COLOR: TRANSPARENT
3. COVER: ANTISTATIC MATERIAL, COLOR: TRANSPARENT AND COVER TYPE IS THERMO-COMPRESSION SEALING.
4. USER DIRECTION OF UNREELING.

SECTION A - A

SECTION B - B



USER PULL OUT DIRECTION →

WITHOUT CHARGE 15PCS REF    WITH PRODUCT CHARGE 800PCS    WITHOUT CHARGE 10PCS REF

30.4 REF REEL WIDTH

THIS DRAWING IS A CONTROLLED DOCUMENT.

DIMENSIONS:	TOLERANCES UNLESS OTHERWISE SPECIFIED:
mm	
	0 PLC ±0.5
	1 PLC ±0.25
	2 PLC ±0.25
	3 PLC ±0.25
	4 PLC ±0.25
	ANGLES ±3°
MATERIAL	FINISH
-	-
-	-

DWN	27-AUG-2018
CHK	SOLDIER ZHANG
CHK	27-AUG-2018
APVD	SIMON LI
APVD	27-AUG-2018
PRODUCT SPEC	108-115129-2
APPLICATION SPEC	501-115141-2
WEIGHT	-
CUSTOMER DRAWING	



TE Connectivity

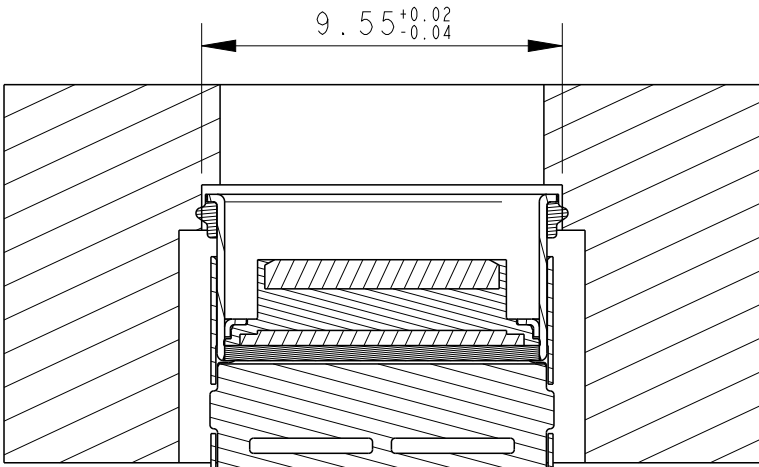
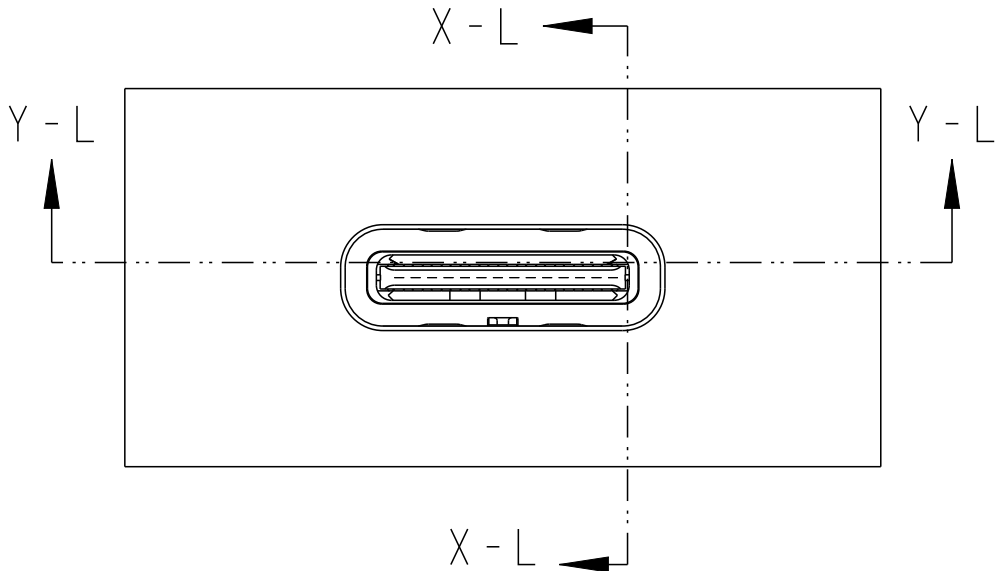
NAME TYPE C RECEPTACLE ON BOARD

SIZE	CAGE CODE	DRAWING NO	RESTRICTED TO
A3	-	C-2305018	-
SCALE	6:1	SHEET 5 OF 6	REV A

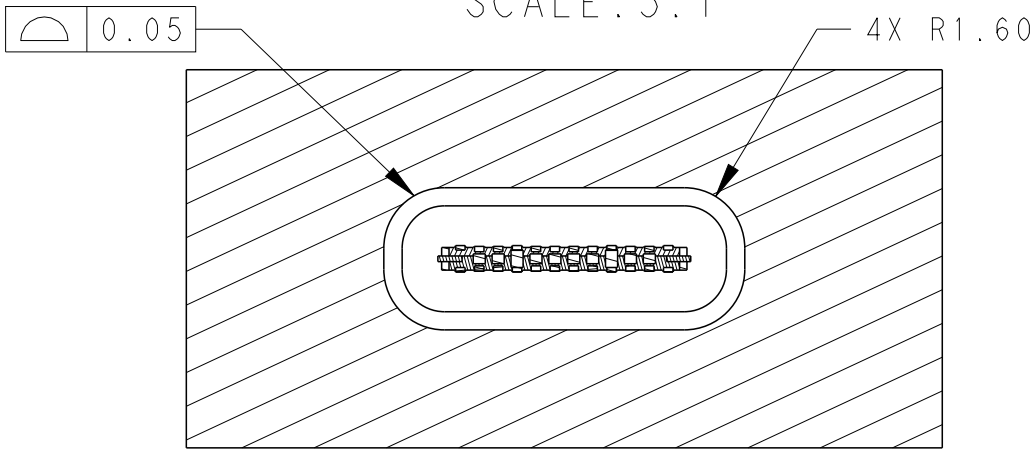
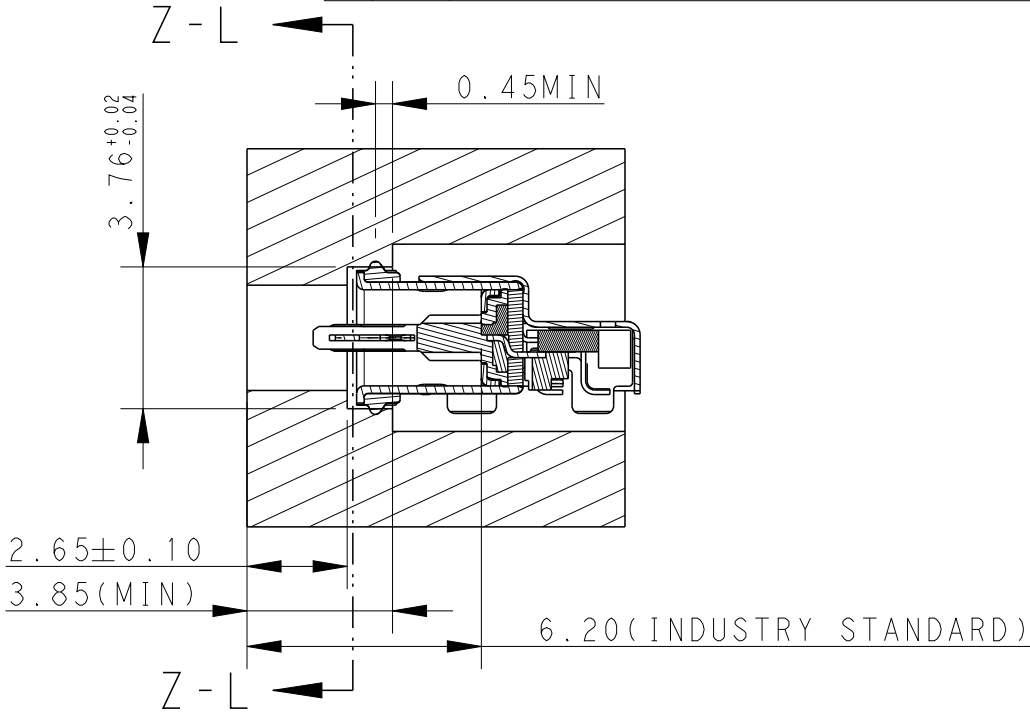
REVISIONS

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

RECOMMENDED OPENING DIMENSIONS  
OF CASE MATING AREA WITH  
SEALING RING



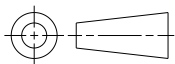
SECTION Y-L  
SCALE: 5:1



SECTION Z-L  
SCALE: 5:1

THIS DRAWING IS A CONTROLLED DOCUMENT.

DIMENSIONS:  
mm



MATERIAL

-

TOLERANCES UNLESS  
OTHERWISE SPECIFIED:

0 PLC ±0.5  
1 PLC ±0.25  
2 PLC ±0.25  
3 PLC ±0.25  
4 PLC ±0.25  
ANGLES ±3°

FINISH

-

DWN 27-AUG-2018

CHK 27-AUG-2018

APVD 27-AUG-2018

PRODUCT SPEC

108-115129-2

APPLICATION SPEC

501-115141-2

WEIGHT

-

CUSTOMER DRAWING



TE Connectivity

NAME  
TYPE C RECEPTACLE  
ON BOARD

SIZE

A3

CAGE CODE

-

DRAWING NO

C-2305018

RESTRICTED TO

-

SCALE

6:1

SHEET

6

OF

6

REV

A