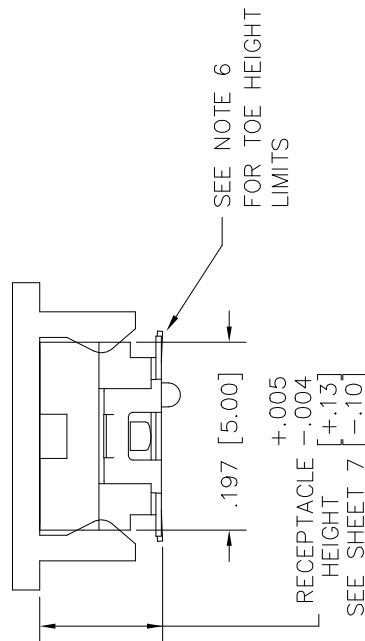
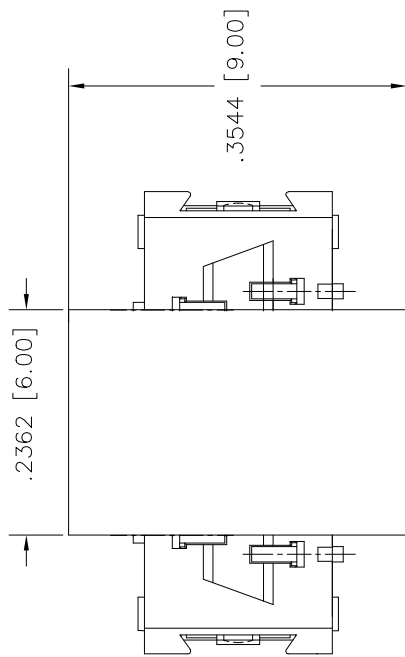
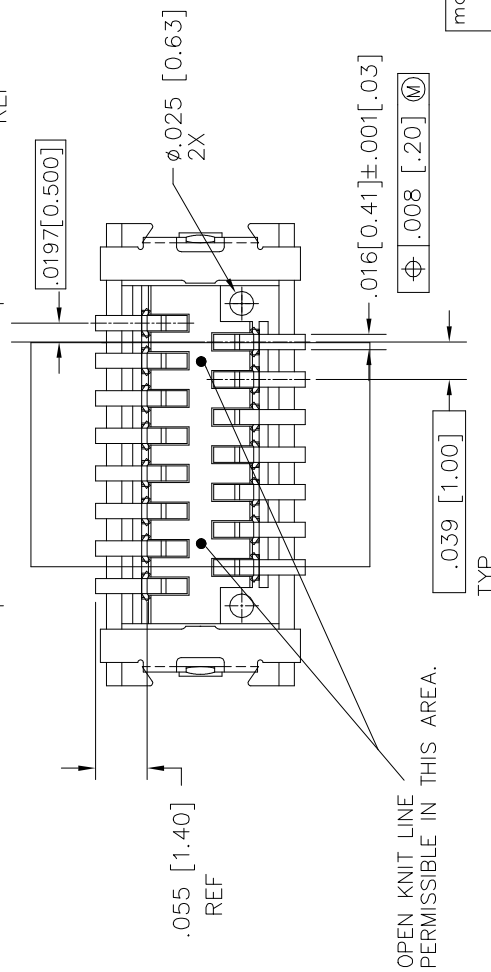
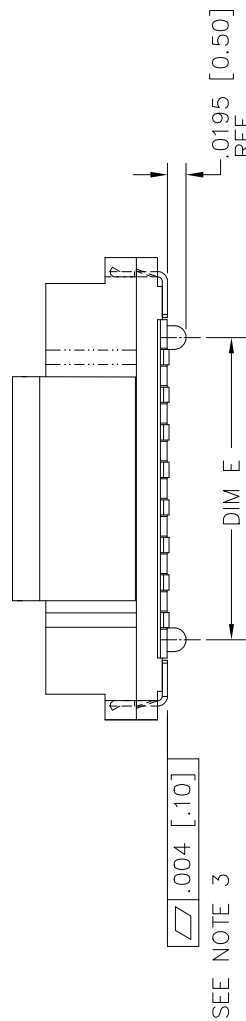
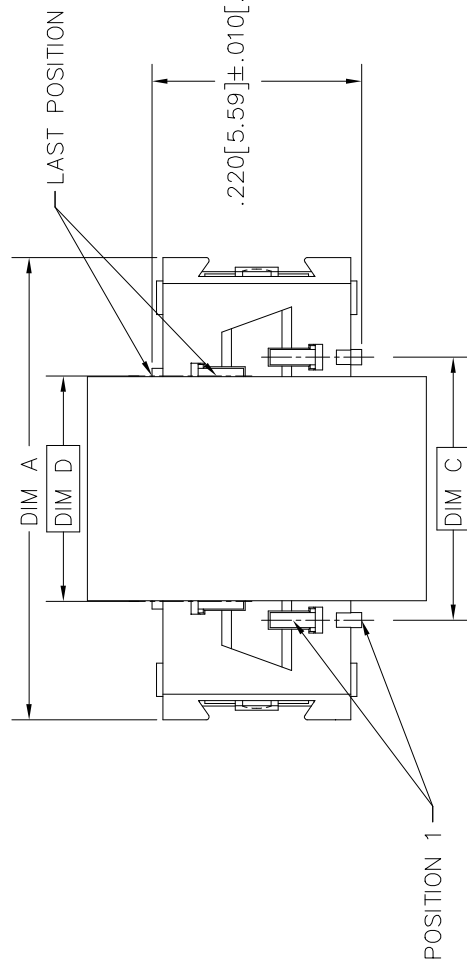
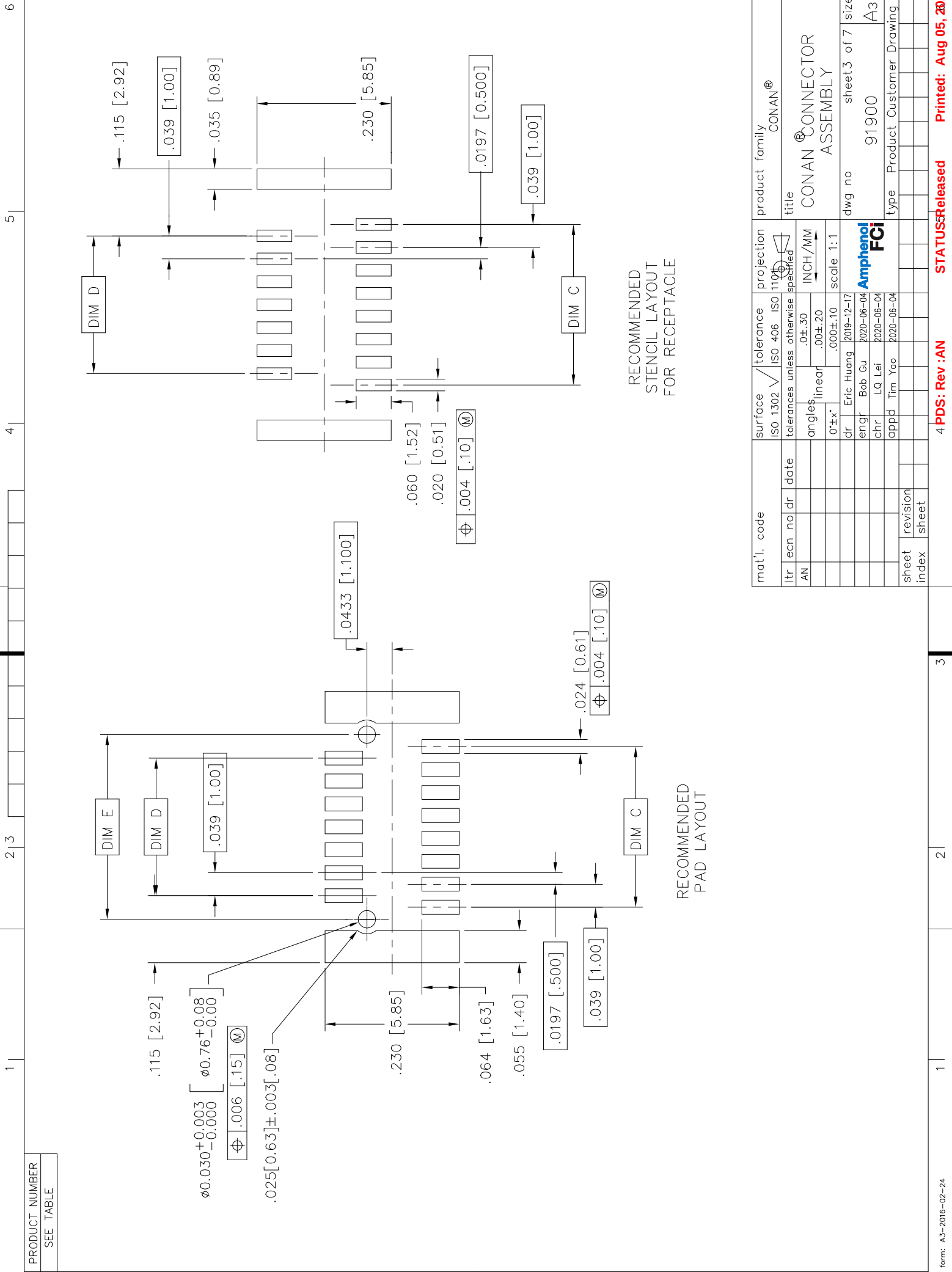


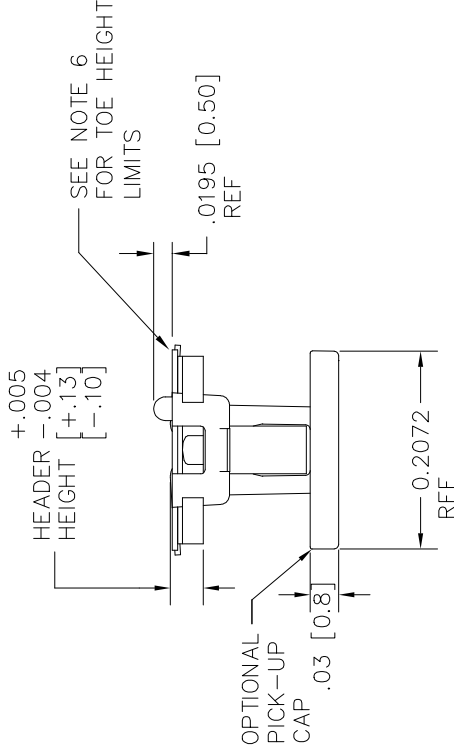
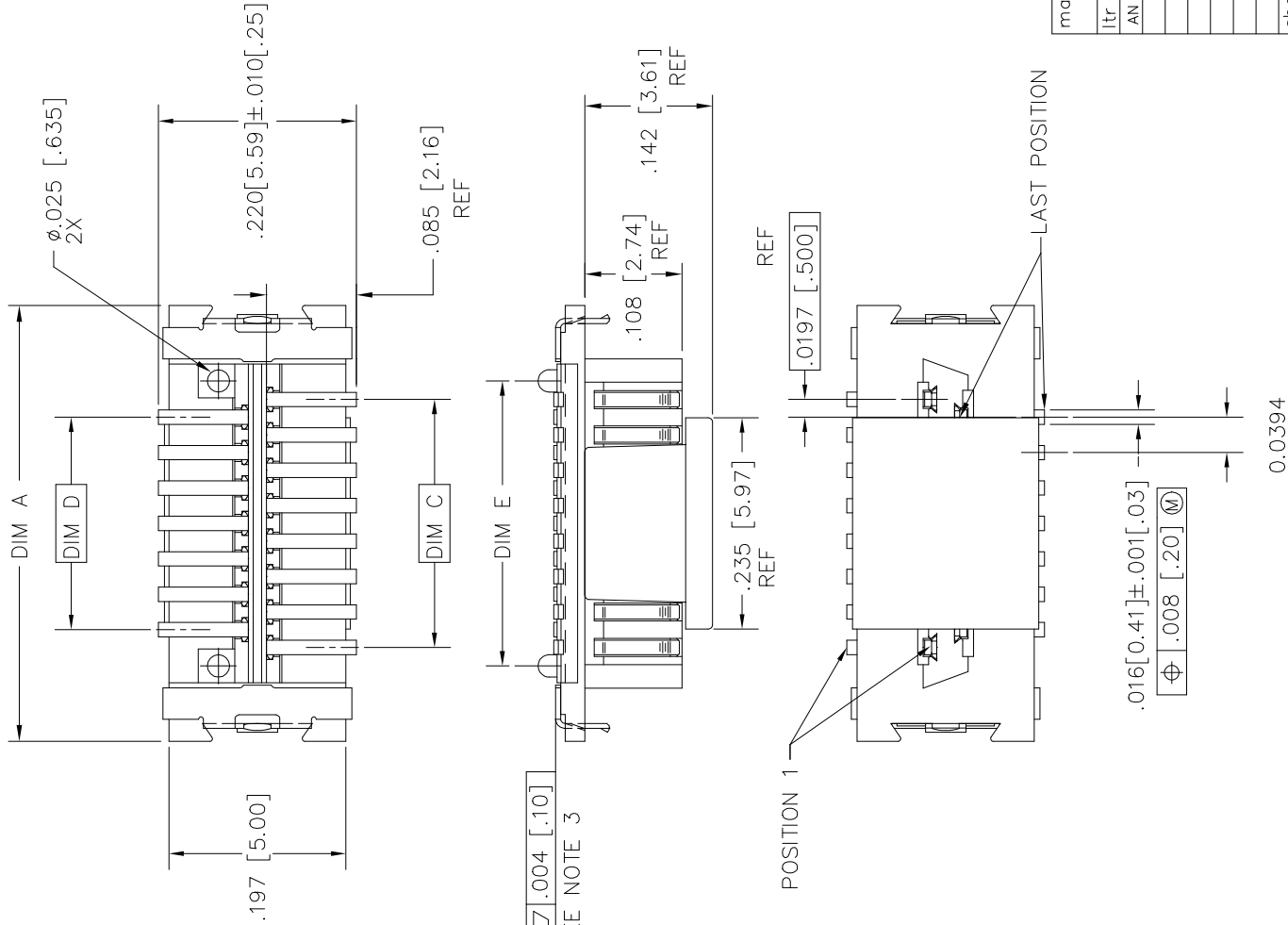


mat'l. code		surface		tolerance		projection		product family		CONAN®	
		ISO 1302 ✓		ISO 406 ISO 1101		 1101					
tr		ecn no		date		tolerances unless otherwise specified				title	
AN						angles linear .0±.30 .00±.20 .000±.10				CONAN® CONNECTOR ASSEMBLY	
						0±x°		scale 1:1			
		dr		Eric Huang		2019-12-17		dwg no		sheet2 of 7	
		engr		Bob Gu		2020-06-04					
		chr		LQ Lei		2020-06-04				91900	
		appd		Tim Yao		2020-06-04		type		Product Customer Drawing	
sheet		revision									
index		sheet									

PRODUCT NUMBER
SEE TABLE



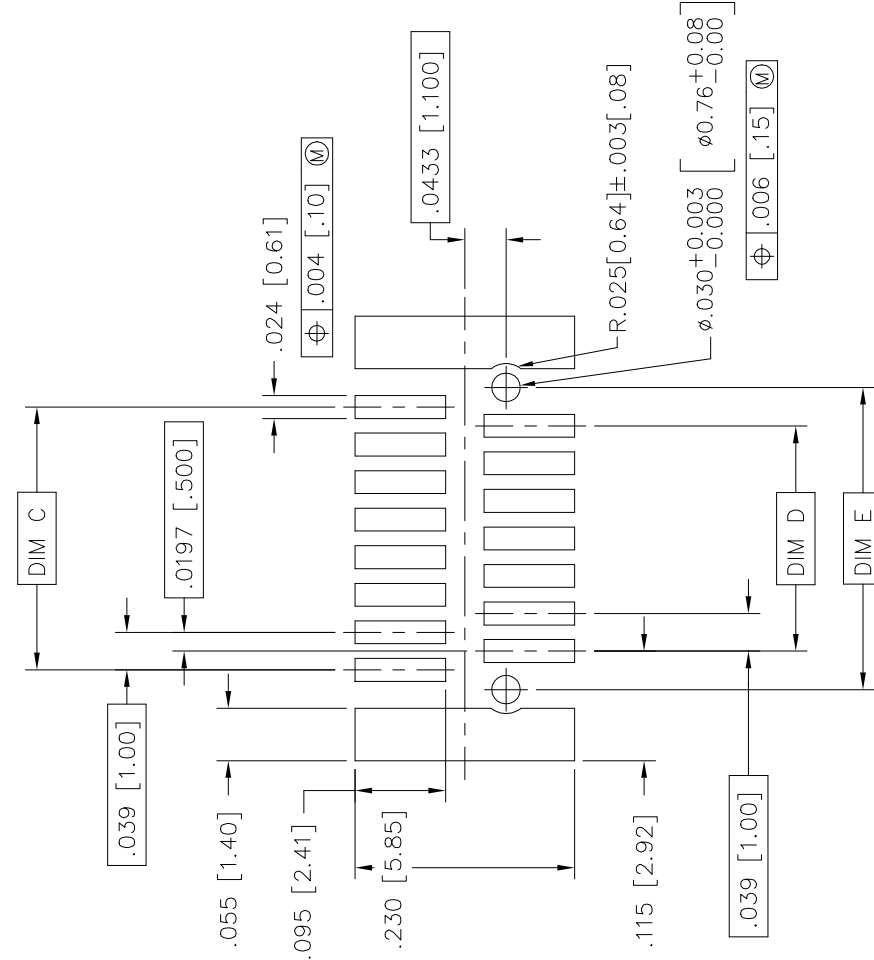
PRODUCT NUMBER
SEE TABLE



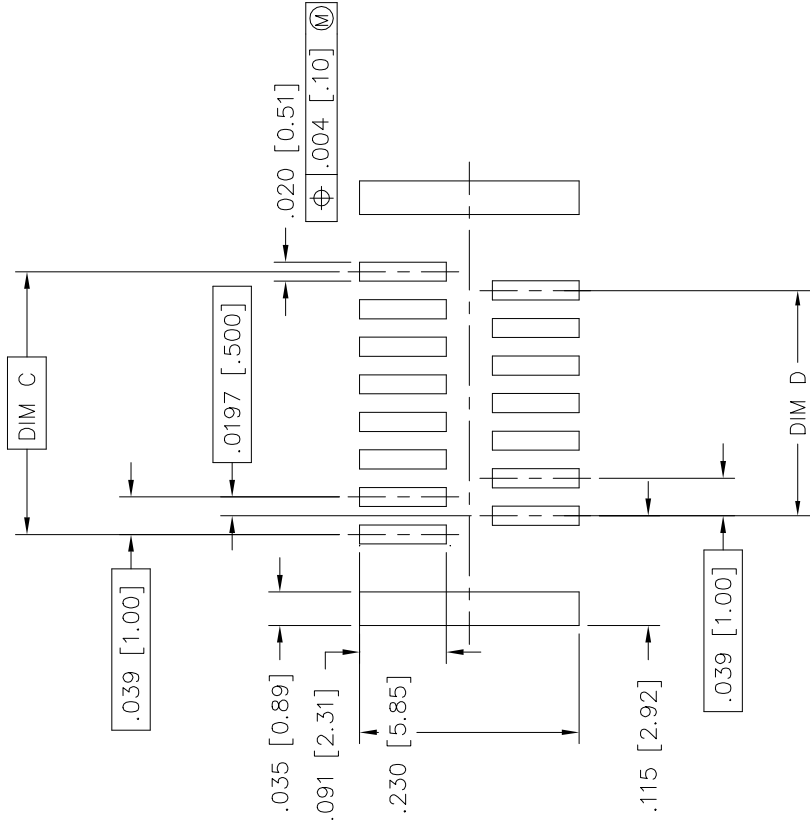
mat'l. code				surface ISO 1302	tolerance ISO 406	projection ISO 1101	product family CONAN®
ltr	ecn	no	dr	date	tolerances unless otherwise specified		
AN					angles linear	INCH/MM	title CONAN® CONNECTOR ASSEMBLY
					0°±x°	scale 1:1	
					dr Eric Huang	2019-12-17	dwg no sheet 4 of 7 size
					engr Bob Gu	2020-06-04	A3
					chr LQ Lei	2020-06-04	91900
					appd Tim Yao	2020-06-04	type Product Customer Drawing
sheet index	revision						
	sheet						

PRODUCT NUMBER
SEE TABLE

1 | 2 | 3 | 4 | 5 | 6



RECOMMENDED
PAD LAYOUT



RECOMMENDED
STENCIL LAYOUT
FOR HEADER

mat'l. code				surface	tolerance	projection	product family
ltr	ecn	no	dr	ISO 1302 ✓	ISO 406	ISO 1101	CONAN®
AN				tolerances unless otherwise specified			title
				angles	linear	INCH/MM	CONAN® CONNECTOR ASSEMBLY
				0°±x°	.00±.20	scale 1:1	dwg no
				dr	Eric Huang	2019-12-17	sheet5 of 7
				engr	Bob Gu	2020-06-04	91900
				chr	LQ Lei	2020-06-04	A3
				appd	Tim Yao	2020-06-04	type
sheet index	revision	sheet		Product Customer Drawing			

PRODUCT NUMBER	POS	DIM "A"	DIM "C"	DIM "D"	DIM "E"
919TC-WXY09	9	.366 [9.30]	.157 [4.00]	.118 [3.00]	.1990 [5.055]
↑ -WXY09LF					
-WXY11	11	.406 [10.30]	.197 [5.00]	.157 [4.00]	.2380 [6.045]
-WXY11LF					
-WXY15	15	.484 [12.30]	.276 [7.00]	.236 [6.00]	.3170 [8.052]
-WXY15LF					
-WXY21	21	.602 [15.30]	.394 [10.00]	.354 [9.00]	.4350 [11.049]
-WXY21LF					
-WXY25	25	.681 [17.30]	.472 [12.00]	.433 [11.00]	.5140 [13.056]
-WXY25LF					
-WXY31	31	.800 [20.30]	.591 [15.00]	.551 [14.00]	.6320 [16.053]
-WXY31LF					
-WXY41	41	.996 [25.30]	.787 [20.00]	.748 [19.00]	.8290 [21.057]
-WXY41LF					
-WXY51	51	1.193 [30.30]	.984 [25.00]	.945 [24.00]	1.0260 [26.060]
-WXY51LF					
-WXY69	69	1.547 [39.30]	1.339 [34.00]	1.299 [33.00]	1.3800 [35.052]
↓ -WXY69LF					

NOTES:

1. MATERIALS:

RECEPTACLE HOUSING – LCP, UL–94V–0. COLOR: NATURAL.

RECEPTACLE TERMINALS – COPPER ALLOY.
PLATED WITH 15u"/.38u GXT™ IN CONTACT AREA
AND 100u"/2.54u Sn ON SOLDER LEGS WITH
AN OVERALL 50u"/1.27u Ni UNDERPLATE.

HEADER HOUSING – LCP, UL–94V–0. COLOR: NATURAL.

HEADER TERMINALS – COPPER ALLOY.
PLATED WITH 15u"/.38u GXT™ IN CONTACT AREA
AND 100u"/2.54u Sn ON SOLDER LEGS WITH
AN OVERALL 50u"/1.27u Ni UNDERPLATE.
RETENTION DEVICE – BRASS.
PLATED WITH 100u"/2.54u Sn OVER NICKEL.

2. REFERENCE GS–12–006 FOR PRODUCT PERFORMANCE DATA.

3. SEE TA–774 FOR FURTHER DESCRIPTION OF
HOW THIS DIMENSION IS APPLIED.

4. PICK AND PLACE CAP OR TAPE IS ONLY AVAILABLE WITH
OPTION 3 PACKAGING. (PSA ADHESIVE SEALED).
ALSO, PSA PACKAGING REQUIRES A PICK AND
PLACE CAP.

5. RECOMMENDED SOLDER PASTE THICKNESS IS
.006 TO .008 INCHES THICK.

6. THE TOE HEIGHT OF THE SOLDER TAIL SHALL BE
MEASURED FROM THE LOWEST POINT OF THE .004
CO–PLANARITY GRAVITY PLANE. THIS MEASUREMENT
IS NOT TO EXCEED A WINDOW OF .000 TO .007 INCHES.

7. THREE SLOTS MAY BE LOCATED AT EITHER END OF
HOUSING.

8. 5.50mm MATED HEIGHT IS ONLY AVAILABLE
IN 9, 15 AND 31 POS.

9. 7.50mm MATED HEIGHT IS ONLY AVAILABLE
IN 9 POS.

10. APPLIES TO 91921–3XYZZ AND
91931– 3XYZZ OPTIONS ONLY.

11. THE HOUSING WILL WITHSTAND EXPOSURE TO 260°C PEAK TEMPERATURE
FOR 30 SECONDS IN A CONVECTION INFRA RED OR VAPOR PHASE
REFLOW OVEN. SEE APPLICATION/PROCEDURES IF THEY ARE AVAILABLE

12. PRODUCT WITH "LF" AT THE END MEETS EUROPEAN UNION DIRECTIVES AND OTHER
COUNTRY REGULATION AS DESCRIBED IN GS–22–008.

mat'l. code				surface	tolerance	projection	product family
ltr	ecn	no	dr	date	ISO 1302	ISO 406	ISO 1104
AN					tolerances unless otherwise specified		
					angles	.0±.30	
					linear	.00±.20	
					0°±x°	.000±.10	scale 1:1
					dr	Eric Huang	2015–10–11
					engr	Bob Gu	2020–06–04
					chr	LQ Lei	2020–06–04
					appd	Tim Yao	2020–06–04
sheet		revision					
index		sheet					
				dwg no		sheet6 of 7	size
				title		CONAN®CONNECTOR ASSEMBLY	A3
				type		Product Customer Drawing	

CONAN® ASSEMBLY PART NUMBER

919 T C - W X Y Z Z LF

LEAD FREE OPTION
SEE NOTE 12

TYPE	T
HEADER WITH NO PEGS	0
HEADER WITH PEGS	1
RECEPTACLE WITH NO PEGS	2
RECEPTACLE WITH PEGS	3

PICK AND PLACE CAP OR TAPE (NOTE 4)	C
WITHOUT CAP OR TAPE	0
WITH CAP	1
WITH TAPE (RECEPTACLE ONLY)	2

PACKAGING	W
TUBE	2
PRESSURE SEALED TAPE & REEL	3

NOTE 4

				ZZ	NUMBER OF POSITIONS
Y	HEADER HEIGHT	RECEPTACLE HEIGHT	MATED HEIGHT + .010 - .008 [+.25] [-.20]	09	9
1	.034 [.86]	.129 [3.28]	.163 [4.15]	11	11
2	.048 [1.23]	SEE Y=1 FOR ALL RECEPTACLES	.177 [4.50]	15	15
3	.068 [1.73]		.197 [5.00]	21	21
4	.107 [2.72]		.236 [6.00]	25	25
5	.1465 [3.721]		.276 [7.00]	31	31
6	.088 [2.23]			41	41
7	.1665 [4.229]			51	51
8				69	69

* NOTE 8
* * NOTE 9

X	PLATING
1	15u" / .38u GXT™
2	30u" / .76u GXT™
3	Au 30u" / .76u

EXAMPLE: 91921-31125LF
IS A CONAN® RECEPTACLE ASSEMBLY,
HAVING NO PEGS AND WITH A PICK AND PLACE CAP.
IT ALSO HAS GXT™ PLATING, IS .13 [3.2] HIGH AND 25
POSITIONS AND IS PACKAGED IN PRESSURE SEALED TAPE,
REEL AND LEAD FREE.

mat'l. code			surface	tolerance	projection	product family
ltr	ecn	no	dr	date	ISO 1101	CONAN®
AN					ISO 1101	
					tolerances unless otherwise specified	
					angles	
					linear	
					0°±x°	
					dr	
					engr	
					chr	
					appd	
sheet index	revision sheet				scale 1:1	
					dwg no	
					sheet 7 of 7	
					size	
					91900	
					A3	
					type	
					Product Customer Drawing	