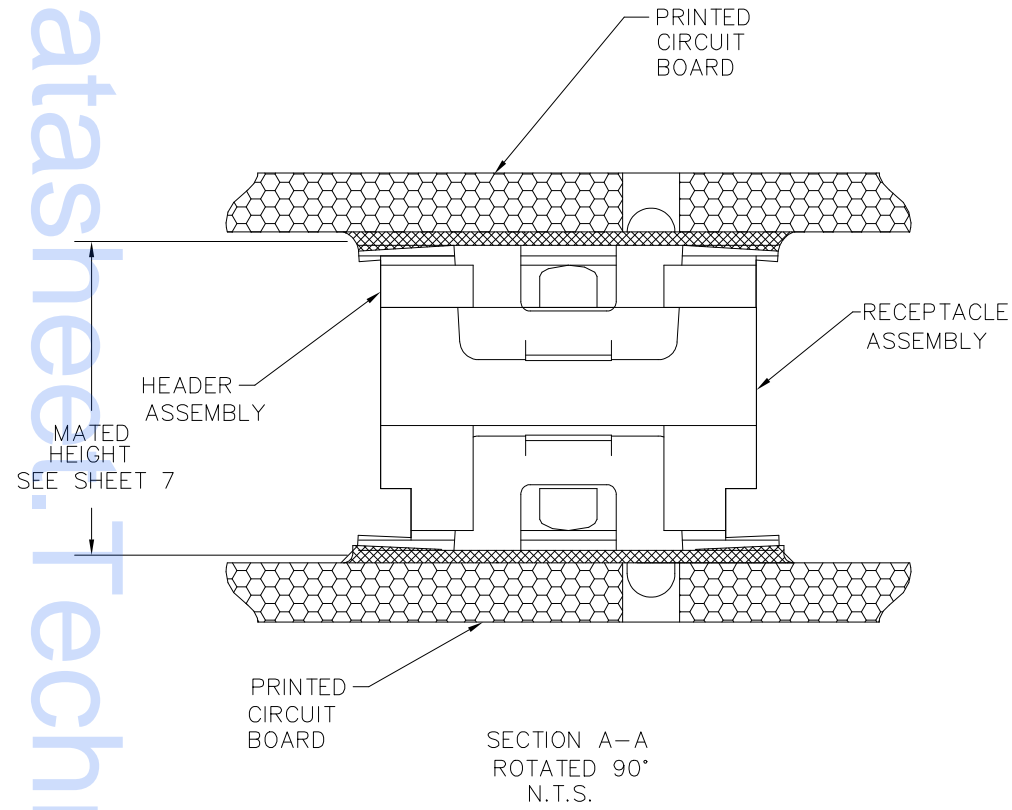
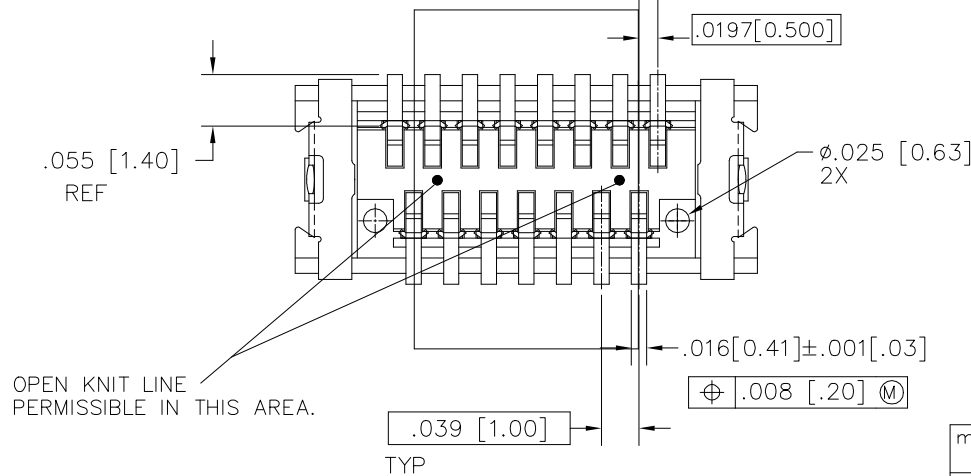
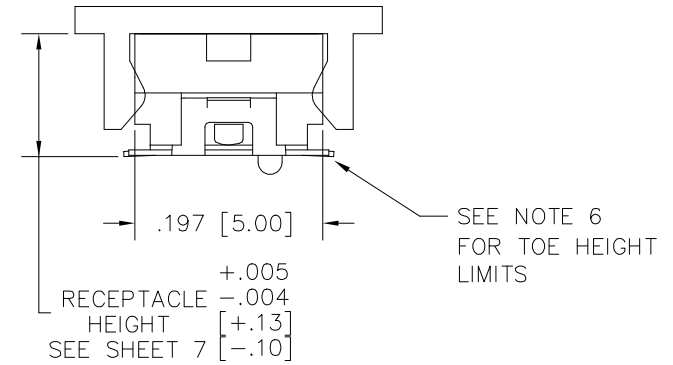
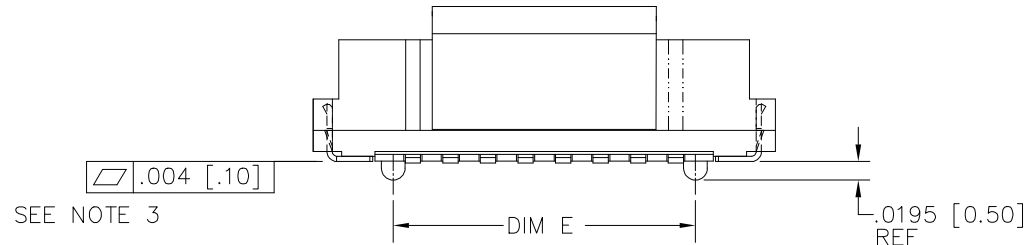
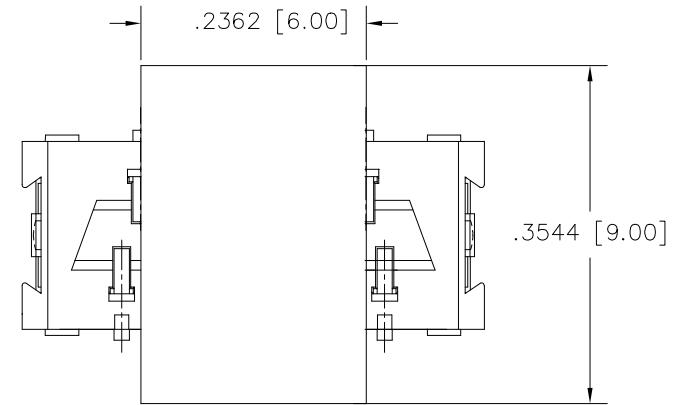
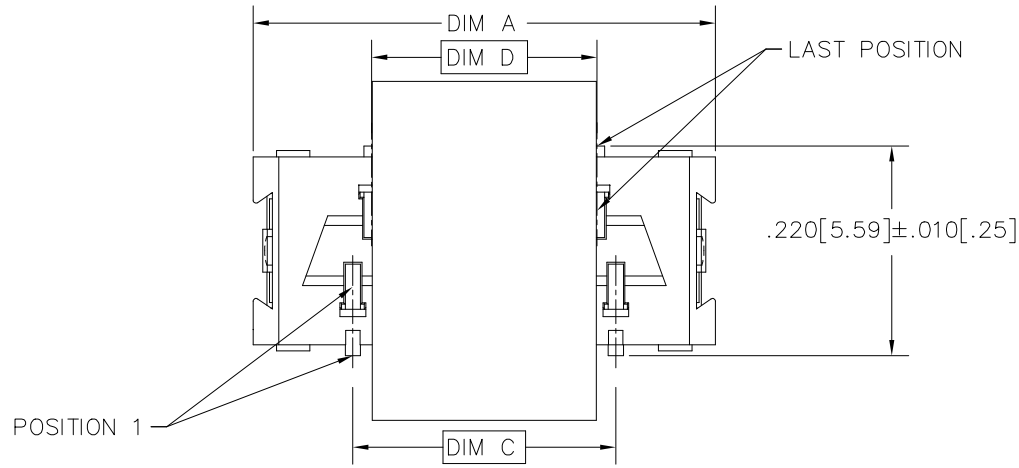


Datasheet Technology



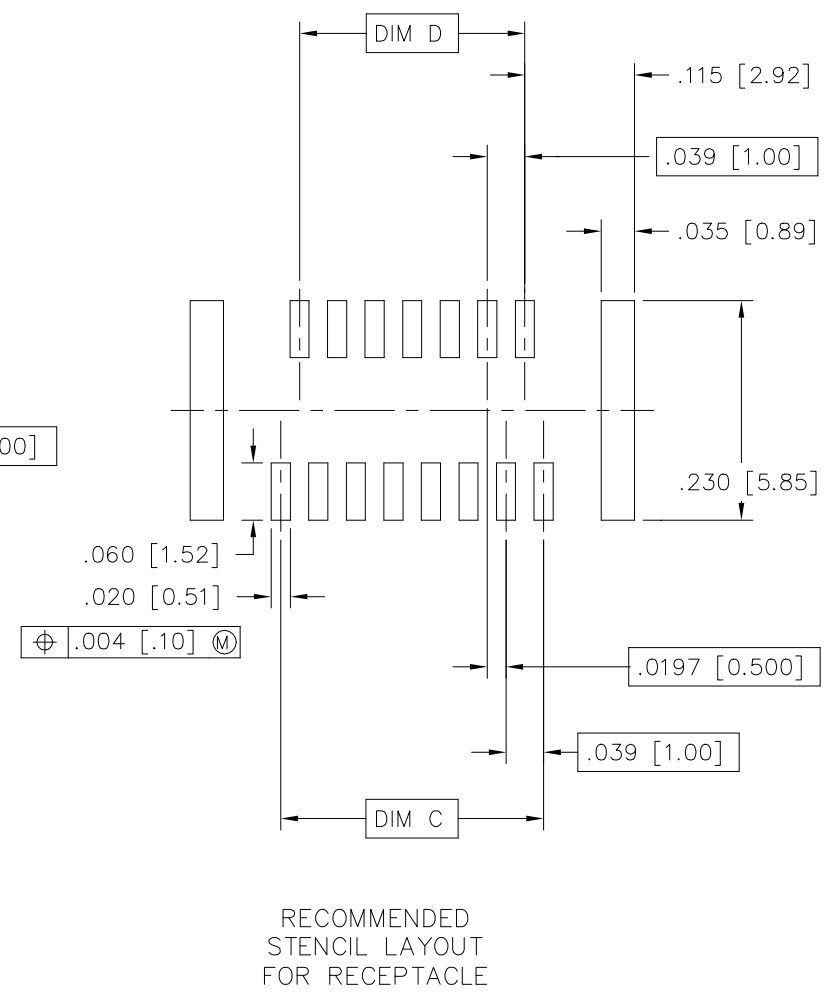
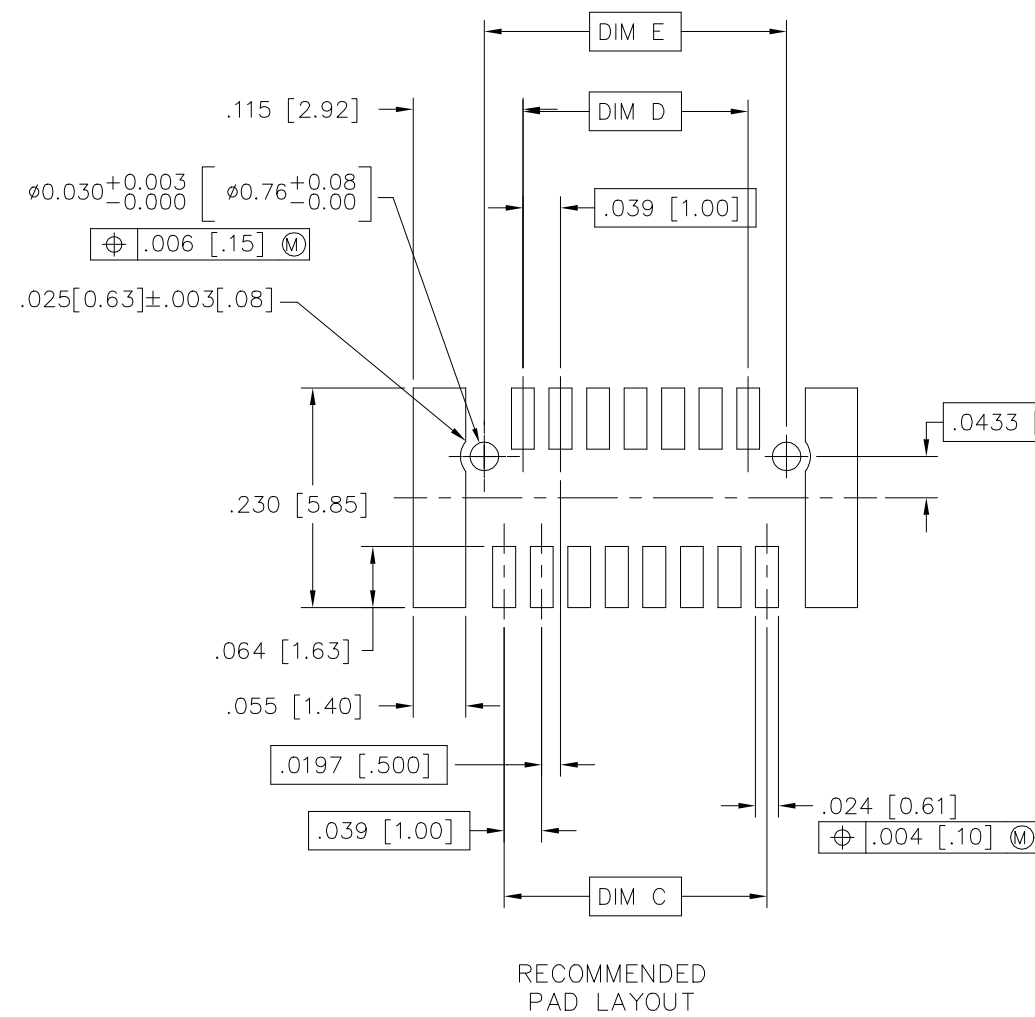
mat'l. code				surface ISO 1302 ✓		tolerance ISO 406 ISO 1101		projection ISO 1101		product family CONAN®			
ltr	ecn no	dr	date	tolerances unless otherwise specified		angles		linear		title CONAN® CONNECTOR ASSEMBLY			
AG	ELX-N-14208	GM	2013-03-17					.0±.30		dwg no			
AH	ELX-N-22454	EH	2015-10-11					.00±.20		sheet 1 of 7			
AJ	-	EH	2015-12-12	0°±x°				.000±.10		size			
AK	ELX-N-26578	TONY	2017-04-07	dr	Eric Huang	2015-10-11		INCH/MM		91900			
AL	ELX-N-26810	TONY	2017-04-26	engr	Bob Gu	2020-06-04		scale 1:1		A3			
AM	ELX-N-35652	Bob	2019-12-17	chr	LQ Lei	2020-06-04		Amphenol FCI		type			
AN	ELX-N-37277	Bob	2020-06-04	appd	Tim Yao	2020-06-04				Product Customer Drawing			
sheet	revision	AL	AM	AN									
index	sheet	1	7	2									

PRODUCT NUMBER
SEE TABLE



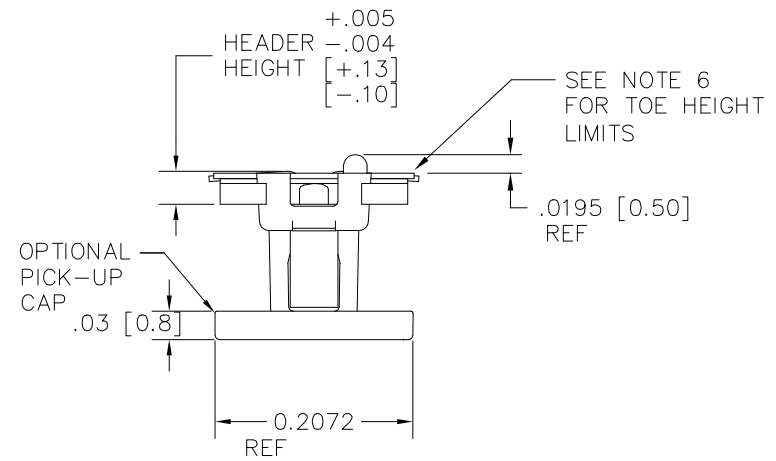
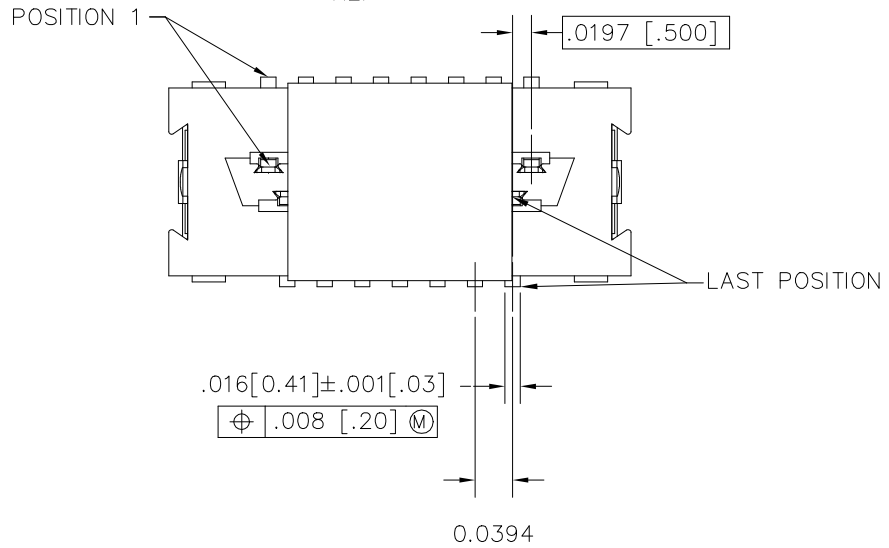
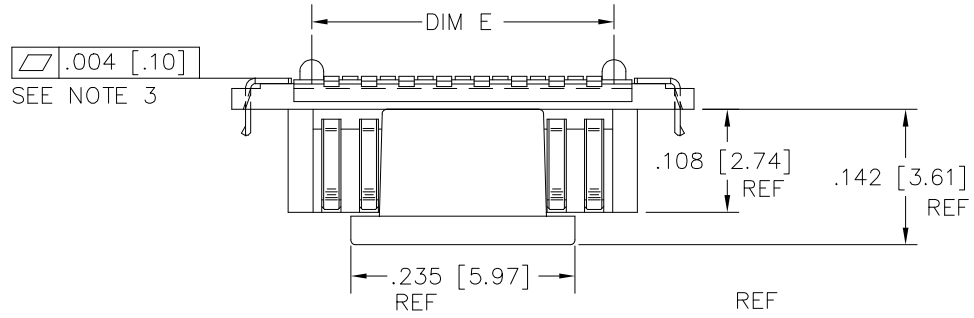
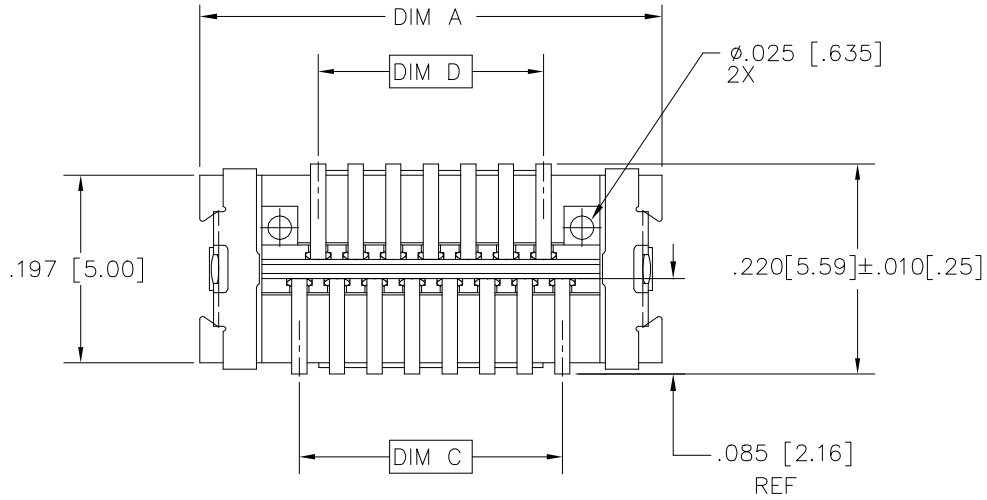
mat'l. code				surface ISO 1302 ✓	tolerance ISO 406 ISO 1101	projection 1101	product family CONAN®			
ltr	ecn no	dr	date	tolerances unless otherwise specified		INCH/MM	title CONAN® CONNECTOR ASSEMBLY			
AN				angles	linear					
				0°±x'		scale 1:1	dwg no			
				dr	Eric Huang	2019-12-17	sheet 2 of 7			
				enr	Bob Gu	2020-06-04	size			
				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

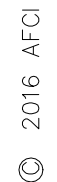


mat'l. code				surface	tolerance	projection	product family			
				ISO 1302	ISO 406	ISO 1101	CONAN®			
ltr	ecn no	dr	date	tolerances unless otherwise specified		 INCH/MM	title			
AN				angles	linear					
				0°±x'						
				dr	Eric Huang	2019-12-17	CONAN® CONNECTOR ASSEMBLY			
				engr	Bob Gu	2020-06-04				
				chr	LQ Lei	2020-06-04	dwg no		sheet 3 of 7	size
				appd	Tim Yao	2020-06-04	91900			A3
sheet index		revision sheet						type		Product Customer Drawing

PRODUCT NUMBER
SEE TABLE



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



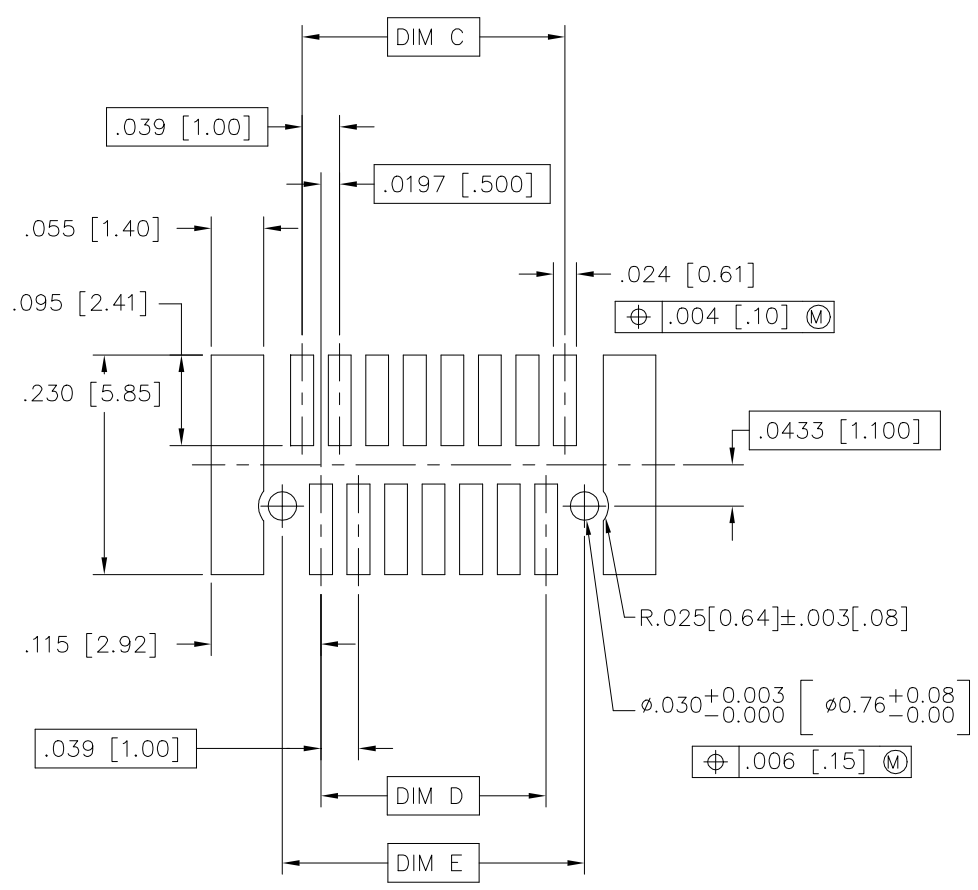
A

B

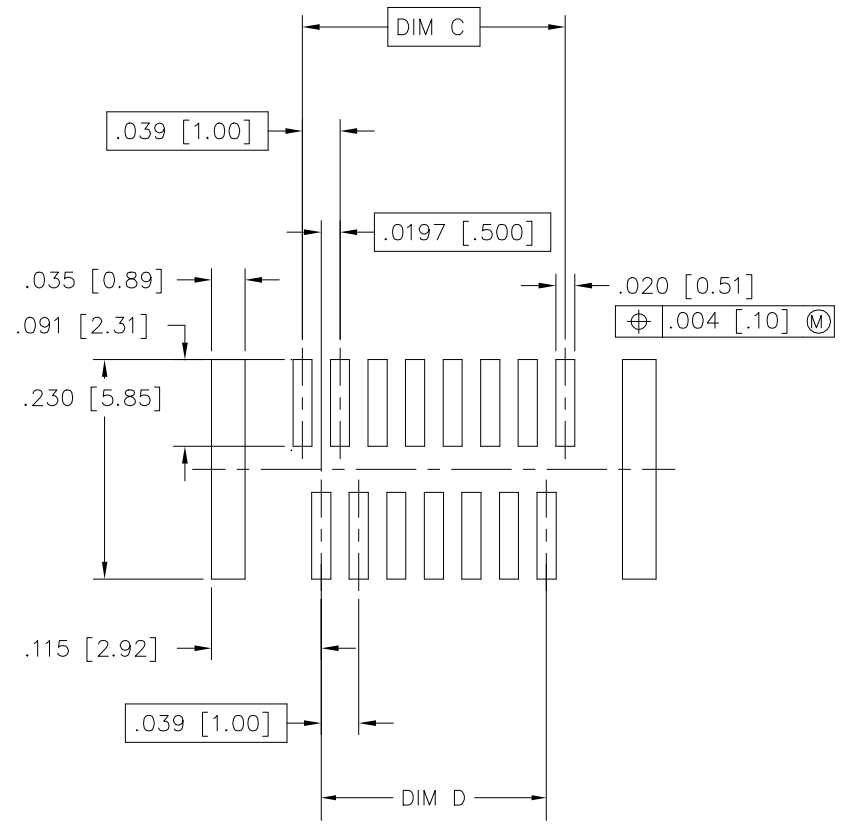
C

D

PRODUCT NUMBER
SEE TABLE



RECOMMENDED
PAD LAYOUT



RECOMMENDED
STENCIL LAYOUT
FOR HEADER

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

A

B

C

D

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 ISO 1302 ✓	tolerance ISO 406 ISO 1101	projection ①	product family CONAN®
ltr	ecn no	dr	date	tolerances unless otherwise specified		INCH/MM	title
AN				angles	.0±.30		CONAN® CONNECTOR ASSEMBLY
				linear	.00±.20		
				0'±x'	.000±.10	scale 1:1	
				dr	Eric Huang	2015-10-11	dwg no
				engr	Bob Gu	2020-06-04	sheet6 of 7
				chr	LQ Lei	2020-06-04	size
				appd	Tim Yao	2020-06-04	A3
sheet index	revision sheet						type Product Customer Drawing

CONAN® ASSEMBLY PART NUMBER

919 T C - W X Y ZZ 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



Y	HEADER HEIGHT	RECEPTACLE HEIGHT	MATED HEIGHT +.010 -.008 [+.25] [-.20]
1	.034 [.86]	.129 [3.28]	.163 [4.15]
2	.048 [1.23]	SEE Y=1 FOR ALL RECEPTACLES	.177 [4.50]
3	.068 [1.73]		.197 [5.00]
4	.107 [2.72]		.236 [6.00]
5	.1465 [3.721]		.276 [7.00]
* 6	.088 [2.23]		.216 [5.50]
** 7	.1665 [4.229]		.296 [7.52]

* NOTE 8
* * NOTE 9

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

ZZ	NUMBER OF POSITIONS
09	9
11	11
15	15
21	21
25	25
31	31
41	41
51	51
69	69

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 ISO 1302 ✓		tolerance ISO 406 ISO 1101		projection 		product family CONAN®									
ltr	ecn no	dr	date	tolerances unless otherwise specified						title									
AN				angles		linear		.0±.30		INCH/MM		CONAN® CONNECTOR ASSEMBLY							
				0°±x'				.00±.20											
								.000±.10		scale 1:1									
				dr	Eric Huang		2015-10-11				dwg no		sheet 7 of 7		size				
				engr	Bob Gu		2020-06-04				91900		A3						
				chr	LQ Lei		2020-06-04												
				appd	Tim Yao		2020-06-04				type		Product Customer Drawing						
sheet index		revision sheet																	