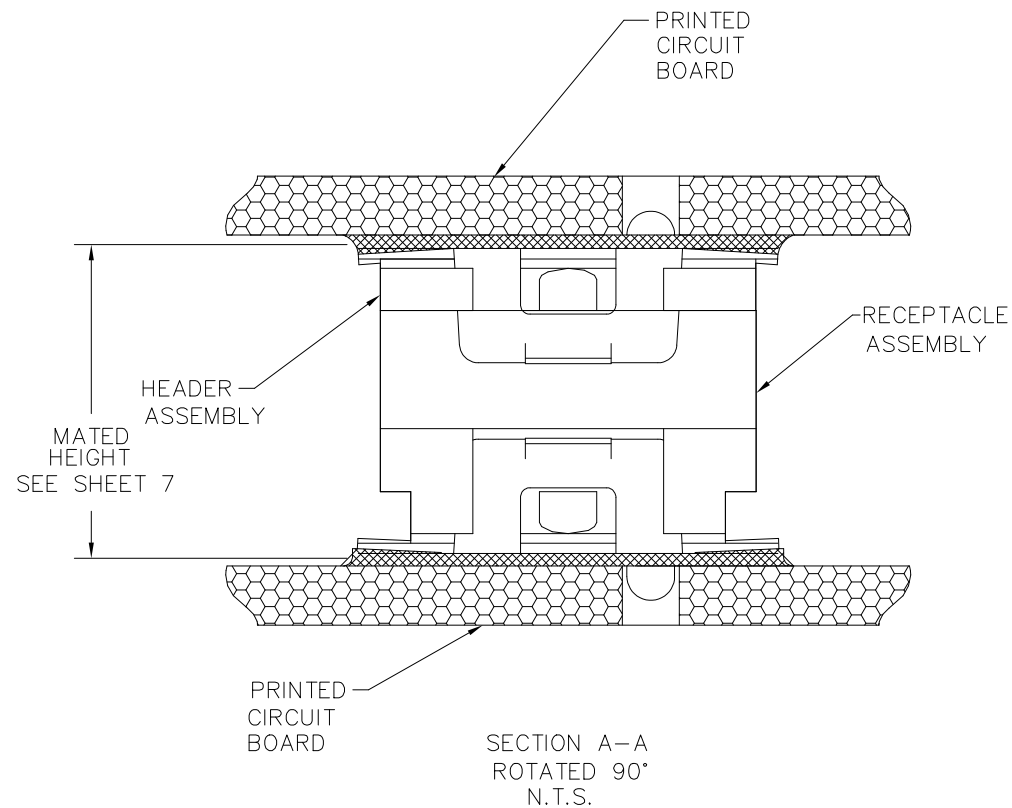
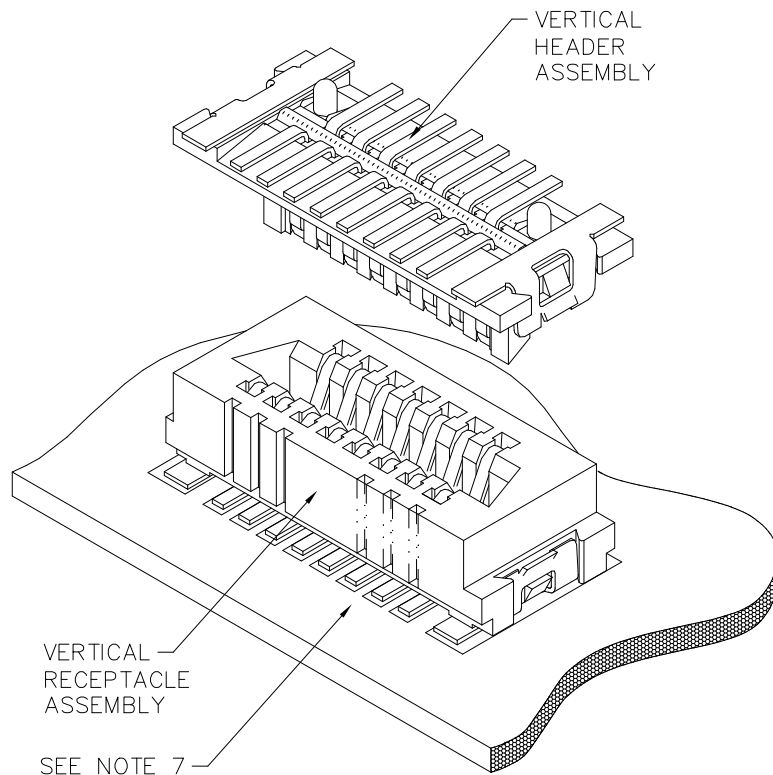
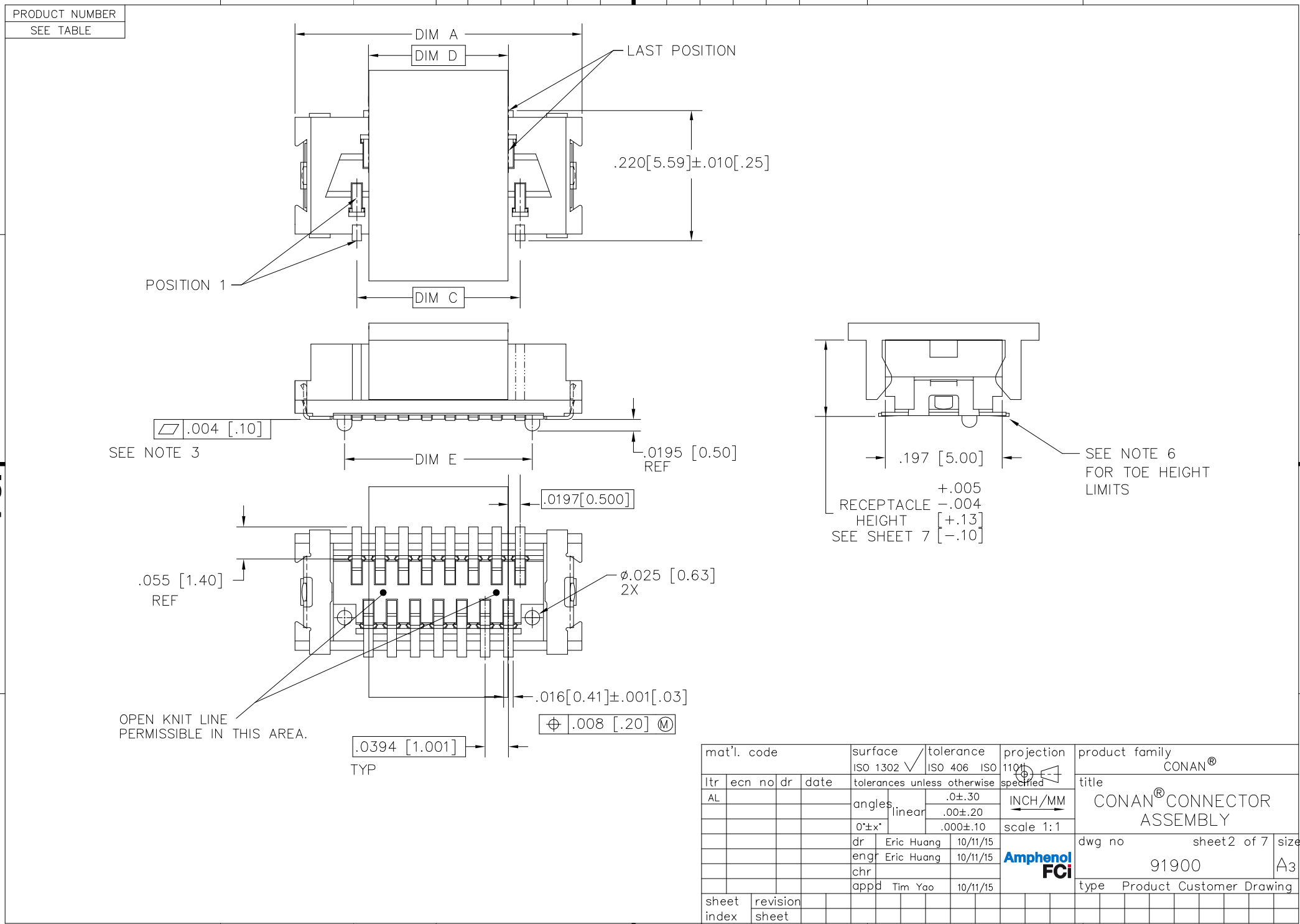




mat'l. code				surface			tolerance			projection		product family				
				ISO 1302 ✓			ISO 406 ISO 1101					CONAN®				
ltr	ecm no	dr	date	tolerances unless otherwise specified						title						
AG	ELX-N-14208	GM	03/07/13	angles linear			.0±.30 .00±.20 .000±.10			 INCH/MM		CONAN® CONNECTOR ASSEMBLY				
AH	ELX-N-22454	EH	10/11/15													
AJ	—	EH	12/12/15													
AK	ELX-N-26578	TONY	04/07/17	dr	Eric Huang		10/11/15				dwg no		sheet 1 of 7		size	
AL	ELX-N-26810	TONY	04/26/17	engr	Eric Huang		10/11/15				91900				A3	
				chr												
AF	M08-0287	MHT	10/02/08	appd		Tim Yao		10/11/15				type		Product	Customer	Drawing
sheet index	revision sheet	AL	AL	AL	AL	AL	AL	AL	AL							
		1	2	3	4	5	6	7								





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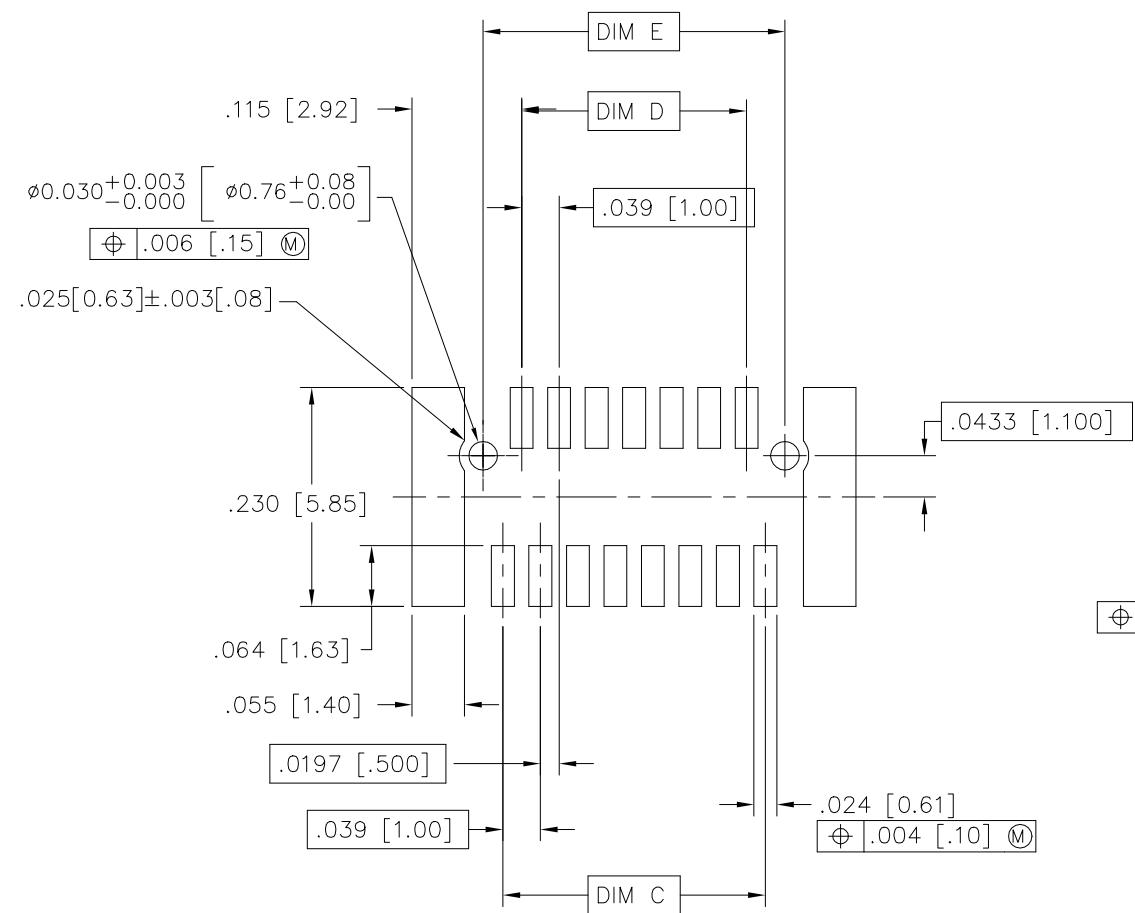
A

B

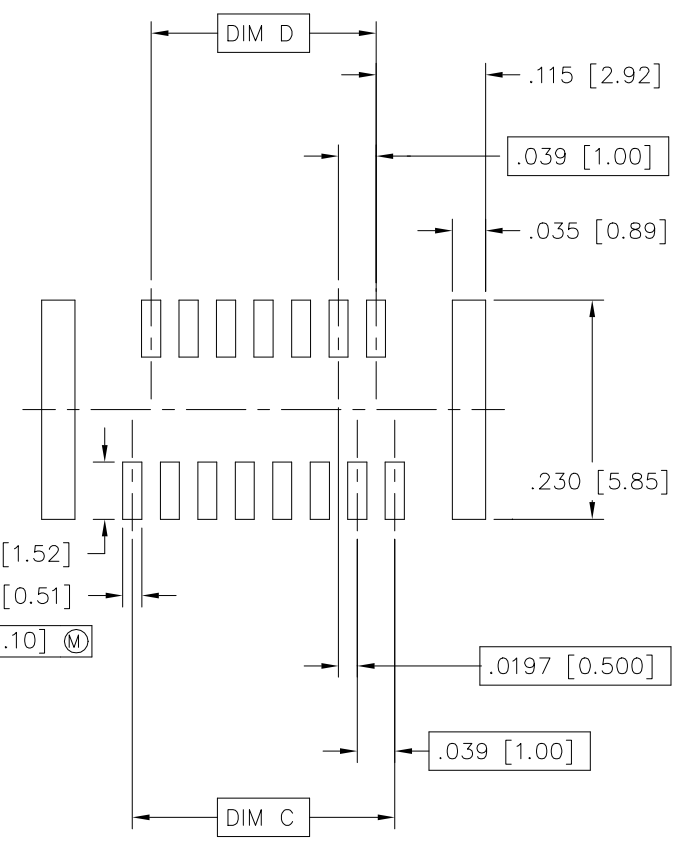
C

D

PRODUCT NUMBER
SEE TABLE



RECOMMENDED
PAD LAYOUT



RECOMMENDED
STENCIL LAYOUT
FOR RECEPTACLE

mat'l. code				surface	tolerance	projection	product family			
ltr				ISO 1302	ISO 406	ISO 1101	CONAN®			
ecn no				tolerances unless otherwise specified			title			
AL				angles	linear	INCH/MM	CONAN® CONNECTOR ASSEMBLY			
				0°±x'		scale 1:1	dwg no			
				dr	Eric Huang	10/11/15	sheet 3 of 7			
				engr	Eric Huang	10/11/15	size			
				chr			91900			
				appd	Tim Yao	10/11/15	type			
sheet index				revision	sheet		Product Customer Drawing			

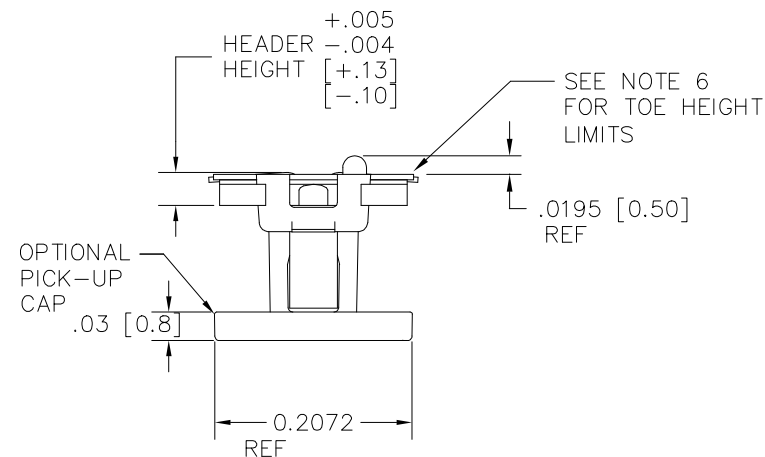
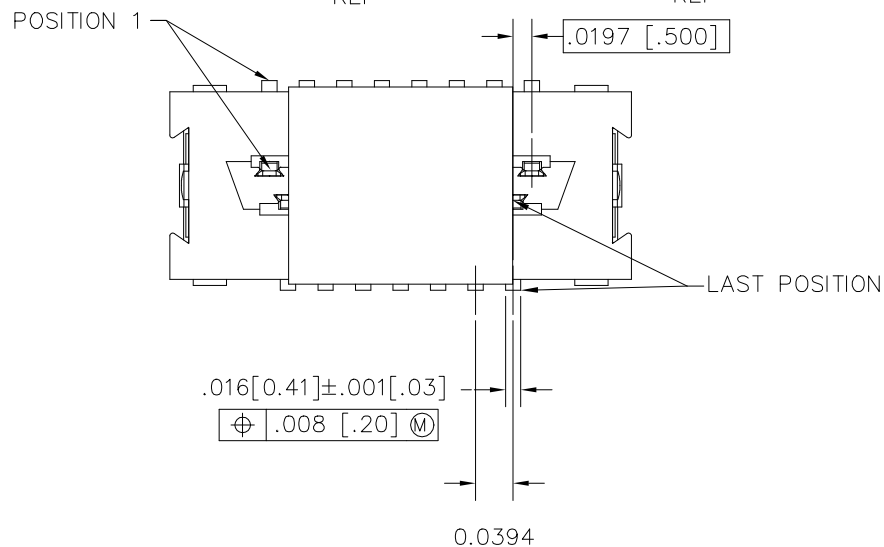
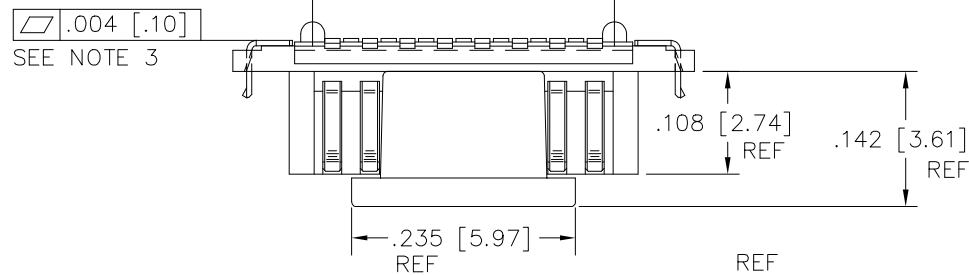
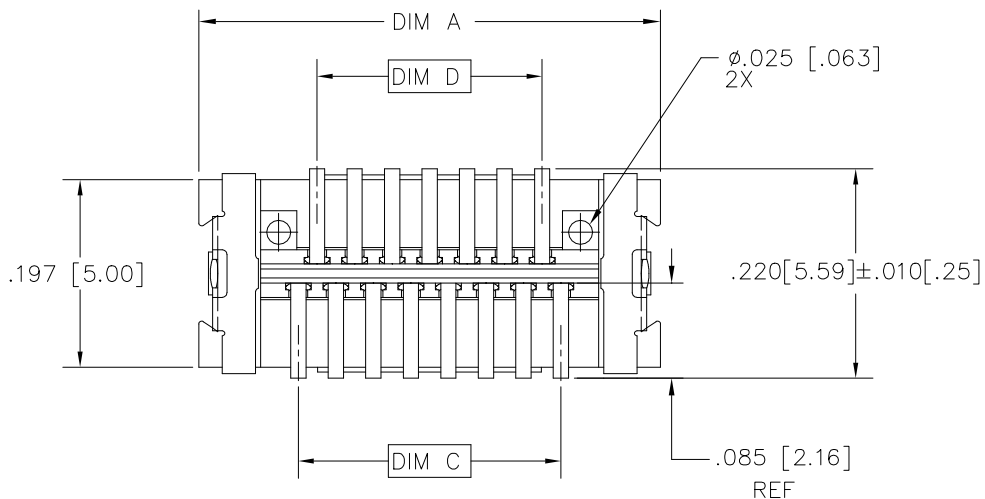
A

B

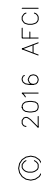
C

D

PRODUCT NUMBER
SEE TABLE



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



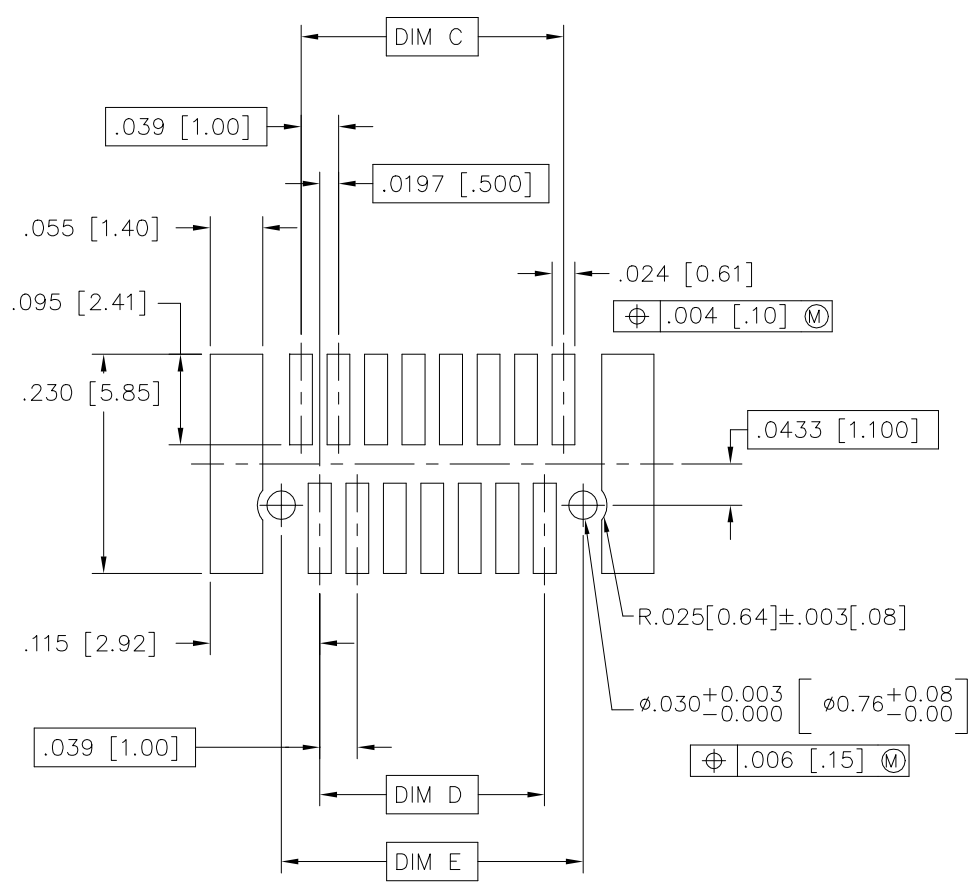
A

B

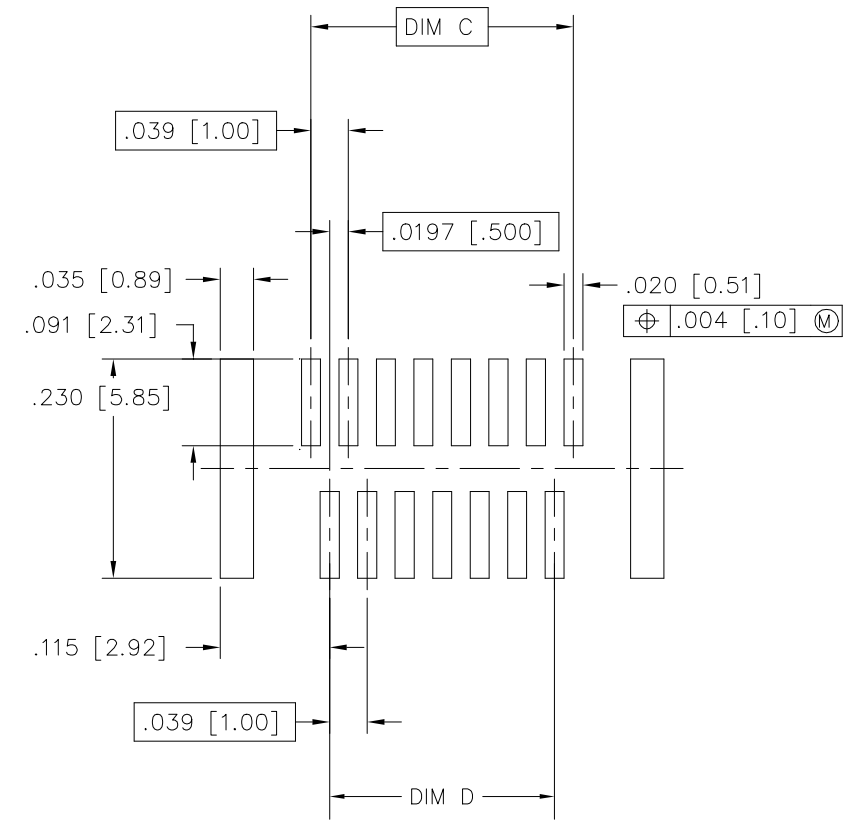
C

D

PRODUCT NUMBER
SEE TABLE



RECOMMENDED
PAD LAYOUT



RECOMMENDED
STENCIL LAYOUT
FOR HEADER

mat'l. code				surface	tolerance	projection	product family			
litr				ISO 1302	ISO 406	ISO 1101	CONAN®			
ecn no				tolerances unless otherwise specified			title			
AL				angles	linear	INCH/MM	CONAN® CONNECTOR ASSEMBLY			
				0°±x'		scale 1:1	dwg no			
				dr	Eric Huang	10/11/15	sheet 5 of 7			
				engr	Eric Huang	10/11/15	size			
				chr			91900			
				appd	Tim Yao	10/11/15	type			
sheet index				revision	sheet					

A

B

C

D



Amphenol
FCI

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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

13. 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 		product family CONAN®				
ltr	ecn	no	dr	date	tolerances unless otherwise specified					title					
AL					angles		.0±.30		INCH/MM ↔		CONAN® CONNECTOR ASSEMBLY				
					linear		.00±.20								
					0°±x'		.000±.10		scale 1:1 		dwg no				
					dr	Eric Huang	10/11/15	sheet6 of 7							
					engr	Eric Huang	10/11/15	size							
					chr			A3							
					appd	Tim Yao	10/11/15			type Product Customer Drawing					
sheet index		revision sheet													

CONAN® ASSEMBLY PART NUMBER

LEAD FREE OPTION
SEE NOTE 12

919 T C - W X Y ZZ LF

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 $\begin{matrix} +.010 \\ -.008 \\ [+ .25] \\ [- .20] \end{matrix}$
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™

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 1101	product family CONAN®			
ltr	ecn no	dr	date	tolerances unless otherwise specified		 INCH/MM	title CONAN® CONNECTOR ASSEMBLY			
AL				angles	.0±.30		dwg no 91900			
				linear	.00±.20					
				0°±x'	.000±.10					
				dr	Eric Huang	10/11/15	Amphenol FCI			
				engr	Eric Huang	10/11/15				
				chr						
				appd	Tim Yao	10/11/15	type Product Customer Drawing			
sheet index	revision sheet									