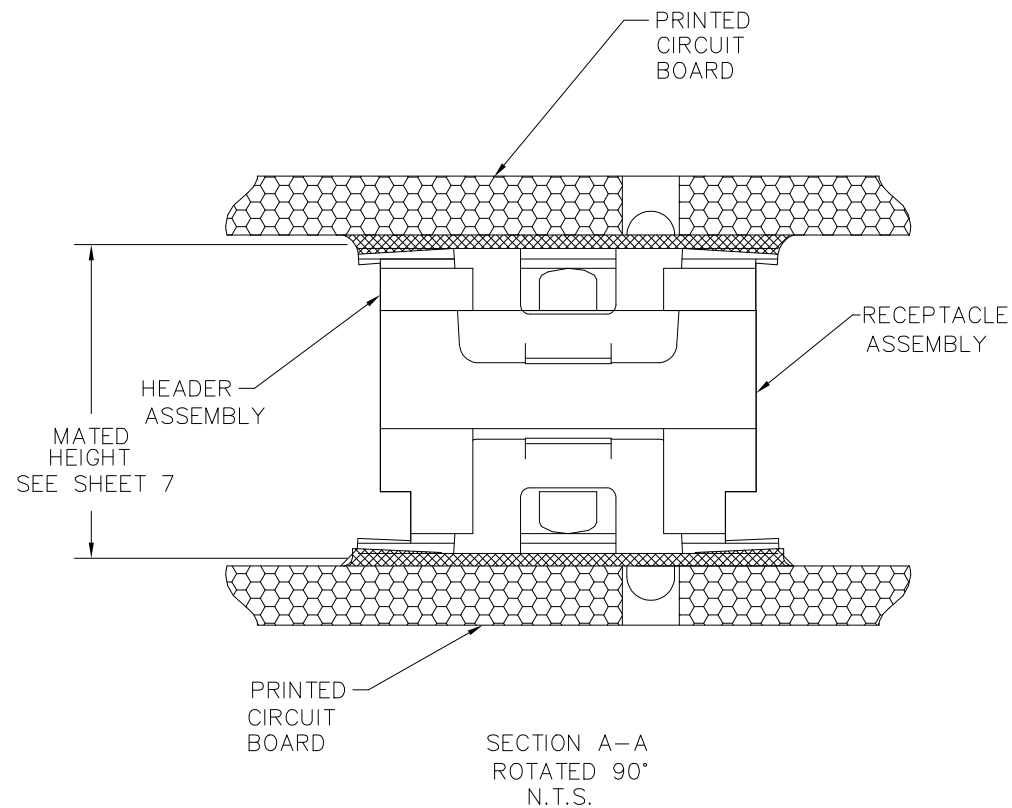
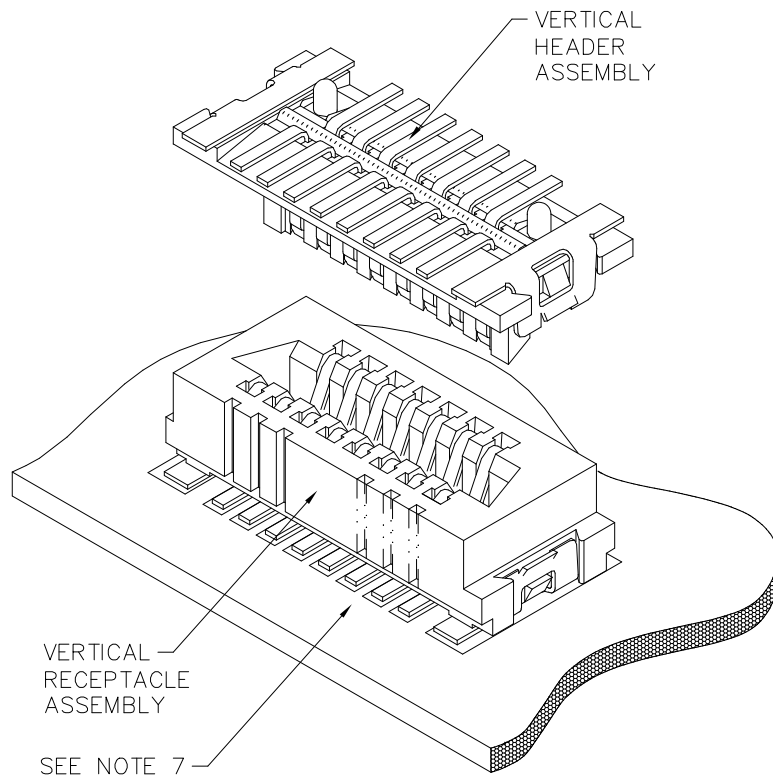
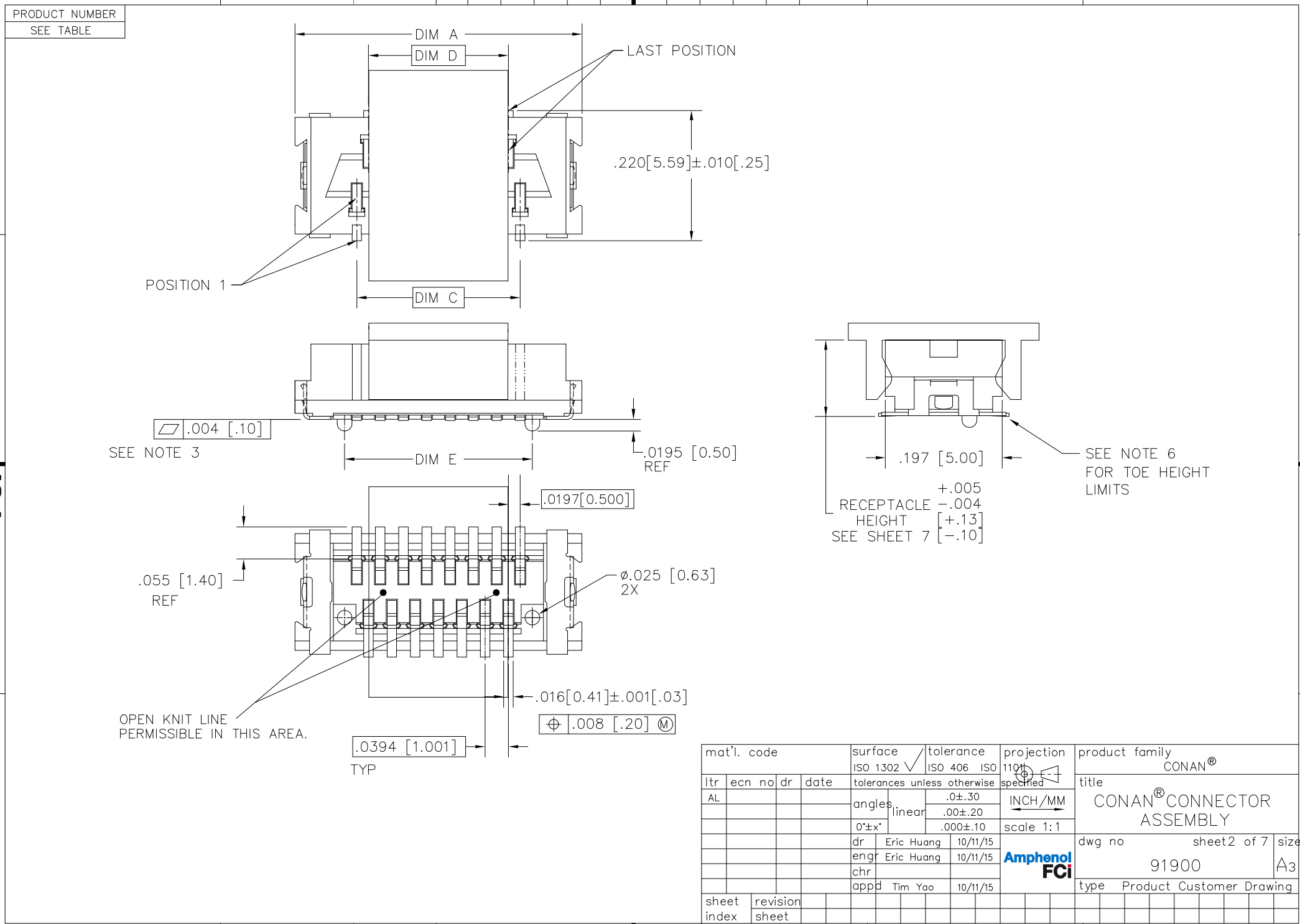




mat'l. code				surface			tolerance			projection		product family				
				ISO 1302 ✓			ISO 406 ISO 1101					CONAN®				
ltr	ecn no	dr	date	tolerances unless otherwise specified					INCH/MM		title					
AG	ELX-N-14208	GM	03/07/13	angles				.0±.30				CONAN® CONNECTOR ASSEMBLY				
AH	ELX-N-22454	EH	10/11/15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





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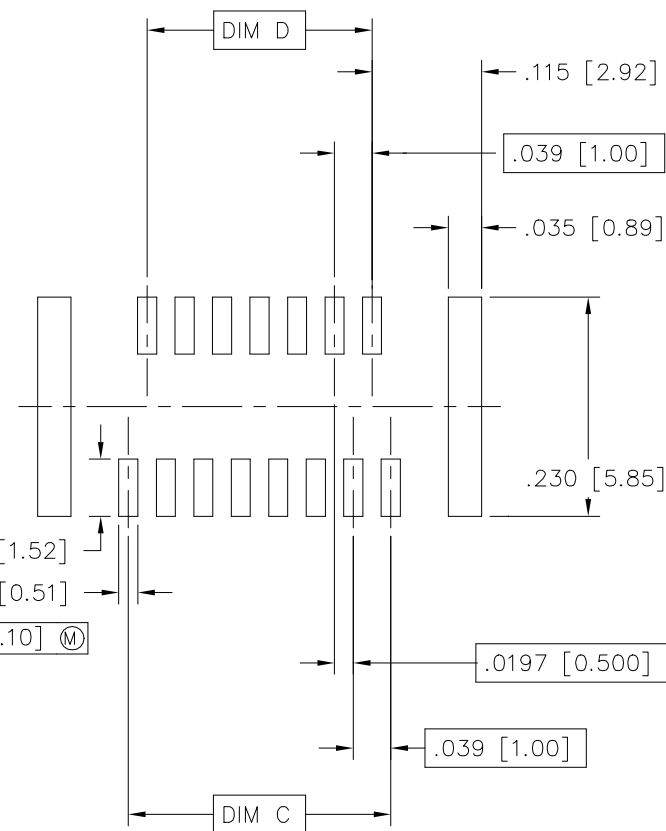
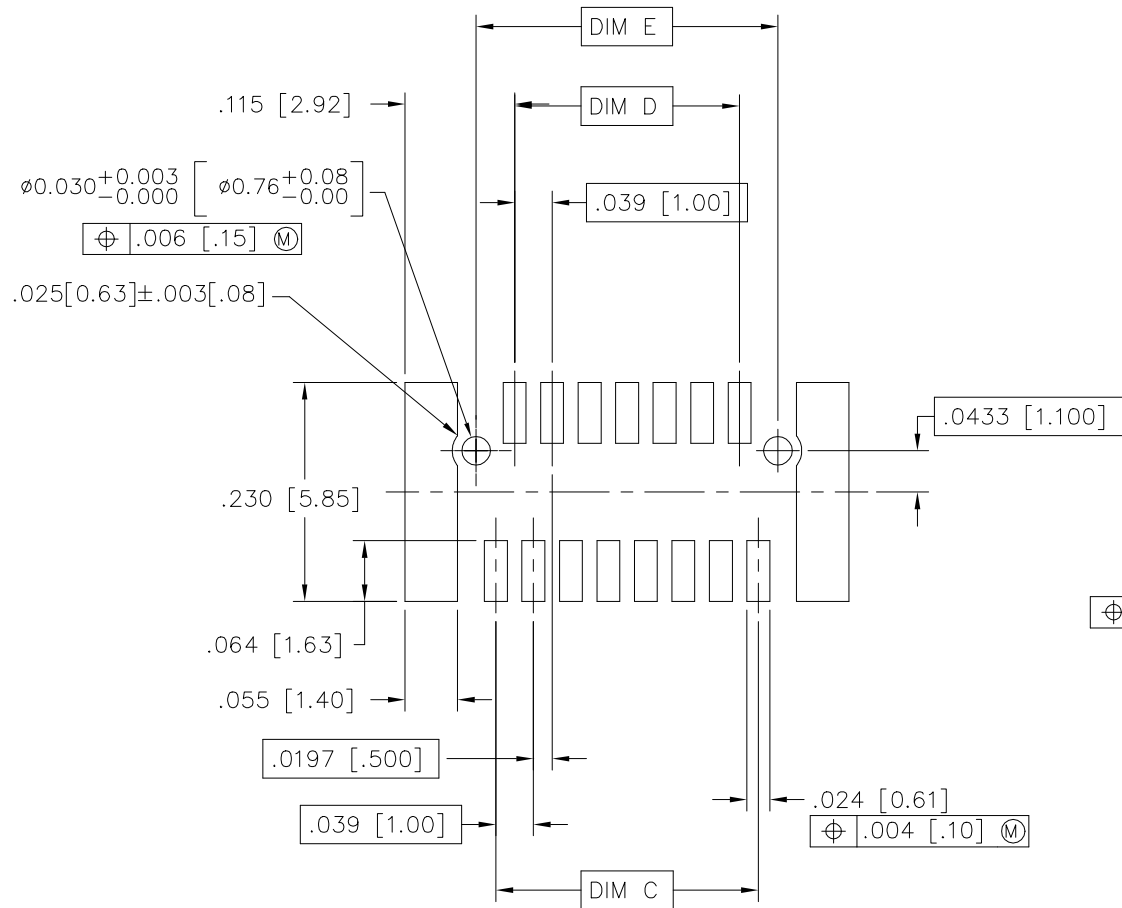
A

B

C

D

PRODUCT NUMBER
SEE TABLE



A

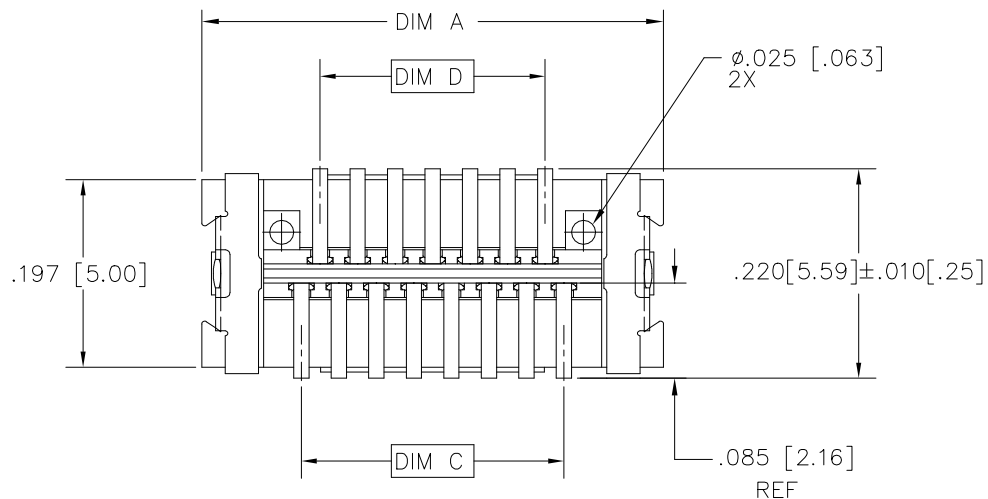
B

C

D

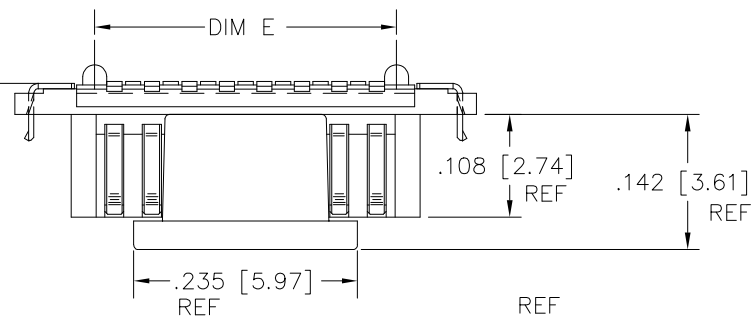
mat'l. code				surface	tolerance	projection	product family			
ltr				ISO 1302	ISO 406	ISO 1101	CONAN®			
ecn no				tolerances unless otherwise specified			title			
dr				angles	linear	INCH/MM	CONAN® CONNECTOR ASSEMBLY			
date				0°±x'		scale 1:1	dwg no			
				dr	Eric Huang	10/11/15	sheet 3 of 7			
	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

PRODUCT NUMBER
SEE TABLE

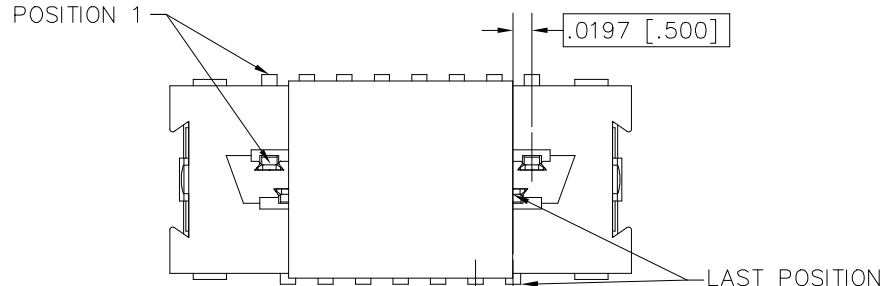


0.004 [.10]
SEE NOTE 3

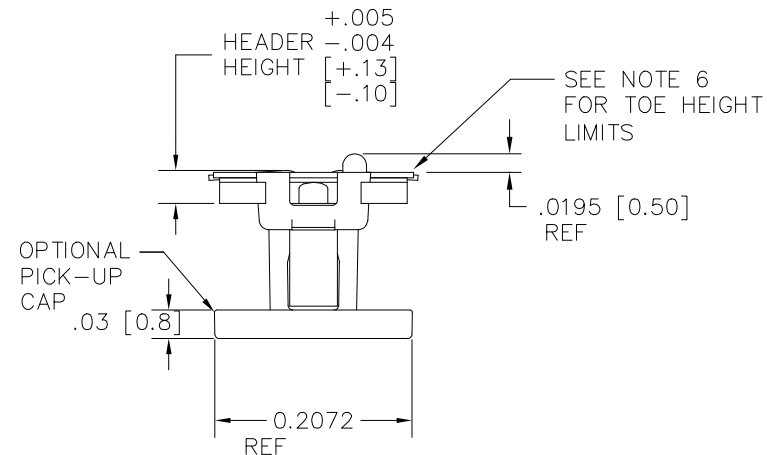
POSITION 1



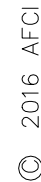
REF



0.0394



mat'l. code				surface	tolerance	projection	product family
				ISO 1302	ISO 406 ISO 1101		CONAN®
ltr	ecn	no	dr	date	tolerances unless otherwise specified		title
AL					angles linear	INCH/MM	CONAN® CONNECTOR ASSEMBLY
					0°±x'	scale 1:1	
				dr	Eric Huang	10/11/15	dwg no
				engr	Eric Huang	10/11/15	sheet 4 of 7
				chr			size
				appd	Tim Yao	10/11/15	A3
sheet index	revision sheet						type Product Customer Drawing



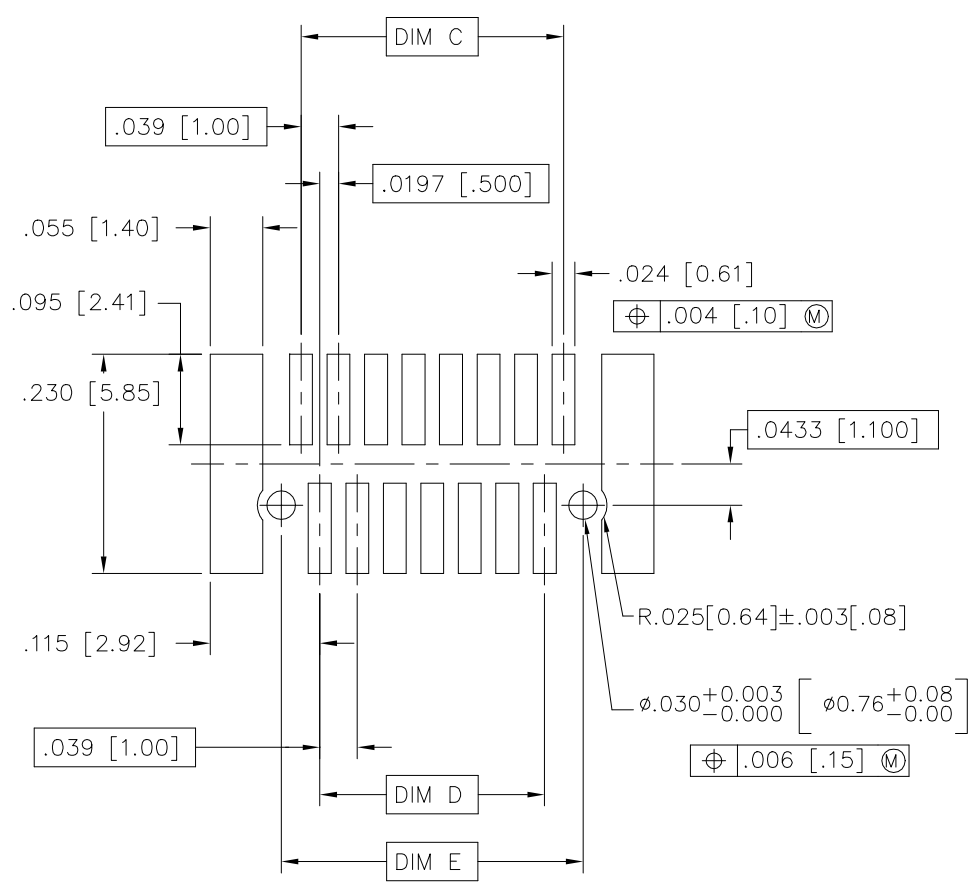
A

B

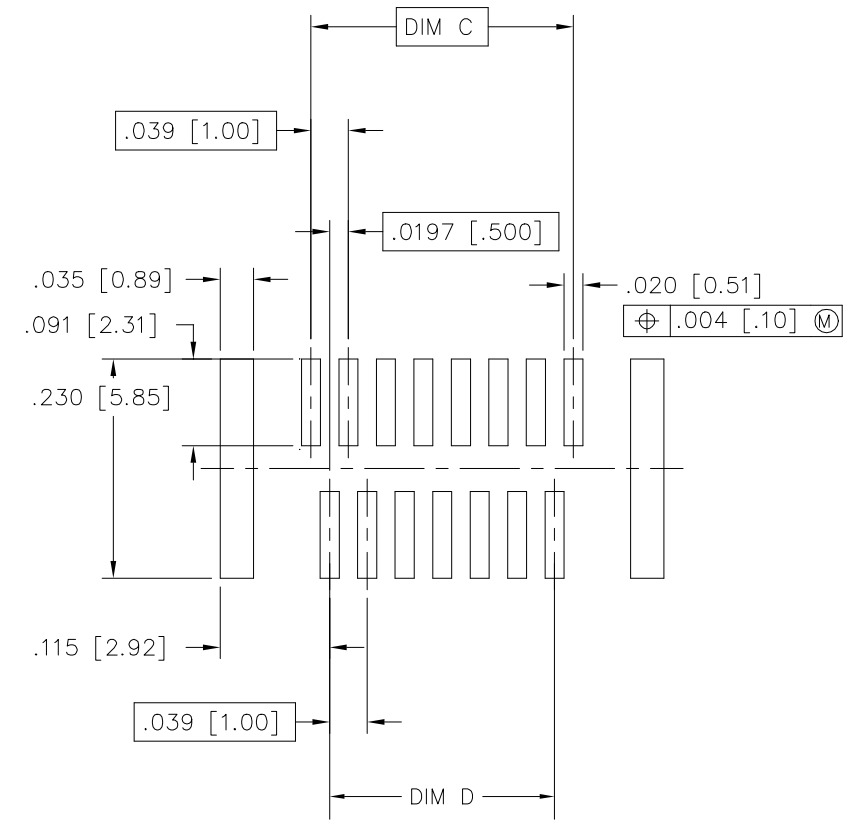
C

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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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:

- 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.
- REFERENCE GS-12-006 FOR PRODUCT PERFORMANCE DATA.
- SEE TA-774 FOR FURTHER DESCRIPTION OF HOW THIS DIMENSION IS APPLIED.
- 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.
- RECOMMENDED SOLDER PASTE THICKNESS IS .006 TO .008 INCHES THICK.
- 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.
- THREE SLOTS MAY BE LOCATED AT EITHER END OF HOUSING.
- 5.50mm MATED HEIGHT IS ONLY AVAILABLE IN 9, 15 AND 31 POS.
- 7.50mm MATED HEIGHT IS ONLY AVAILABLE IN 9 POS.
- APPLIES TO 91921-3XYZZ AND 91931- 3XYZZ OPTIONS ONLY.
- 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
- 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 1101	product family CONAN®			
ltr	ecn	no	dr	date	tolerances unless otherwise specified		title CONAN® CONNECTOR ASSEMBLY			
AL					angles	.0±.30	INCH/MM			
					linear	.00±.20				
					0°±x°	.000±.10	scale 1:1			
				dr	Eric Huang	10/11/15	Amphenol FCI		dwg no	sheet 6 of 7
				engr	Eric Huang	10/11/15			91900	A3
				chr						
				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 sheet 7 of 7 size 91900 A3			
				linear	.00±.20					
				0°±x'	.000±.10	scale 1:1	type Product Customer Drawing			
				dr	Eric Huang	10/11/15				
				engr	Eric Huang	10/11/15				
				chr						
				appd	Tim Yao	10/11/15				
sheet index	revision sheet									