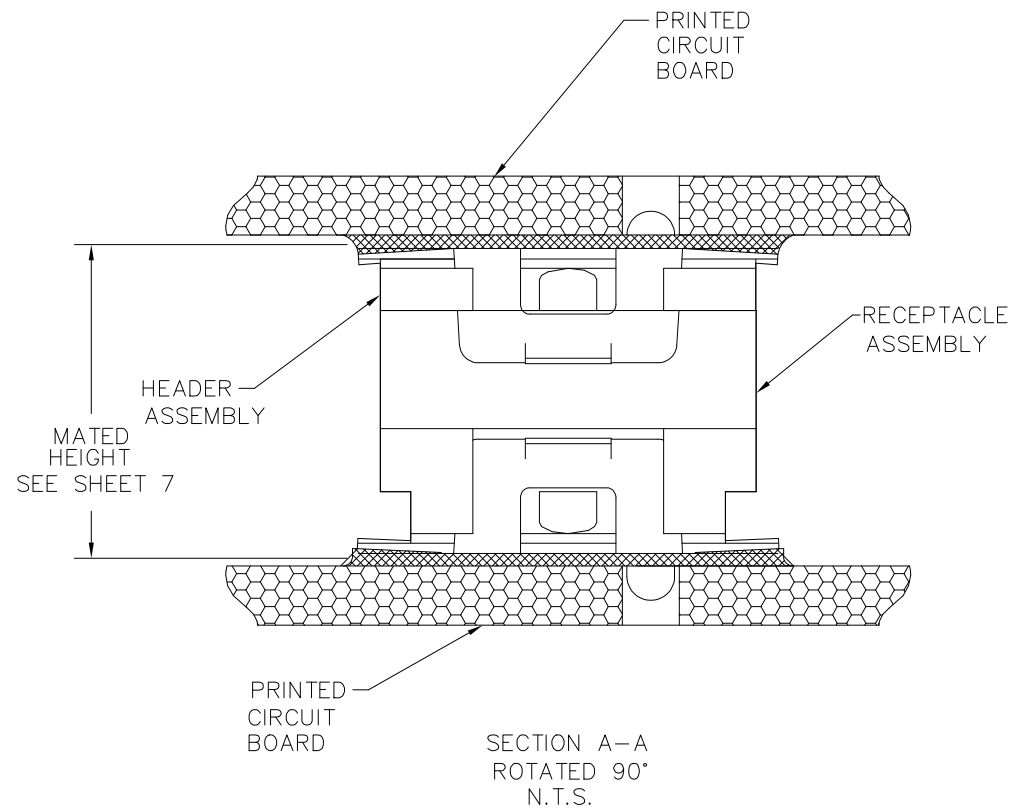
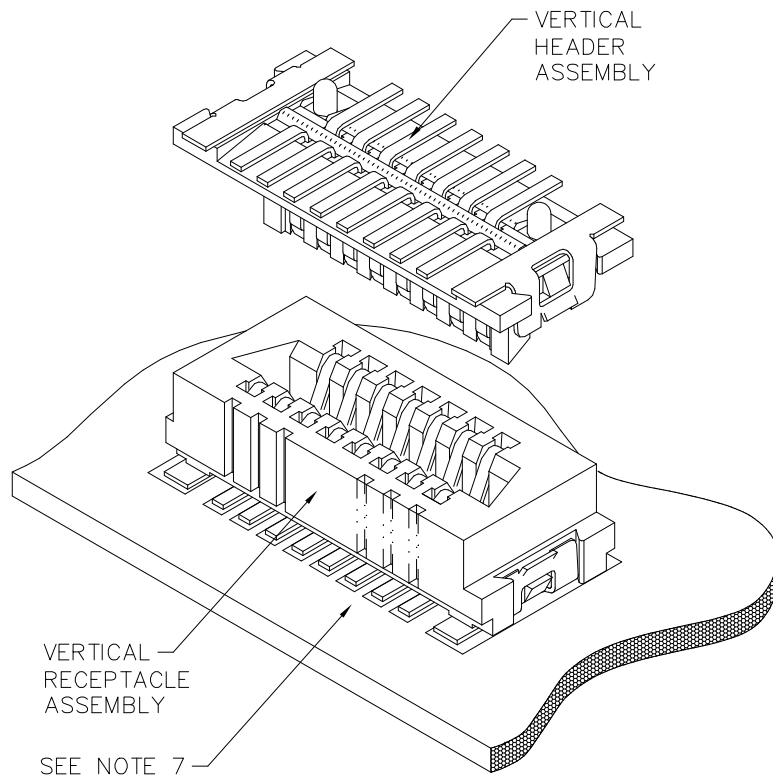
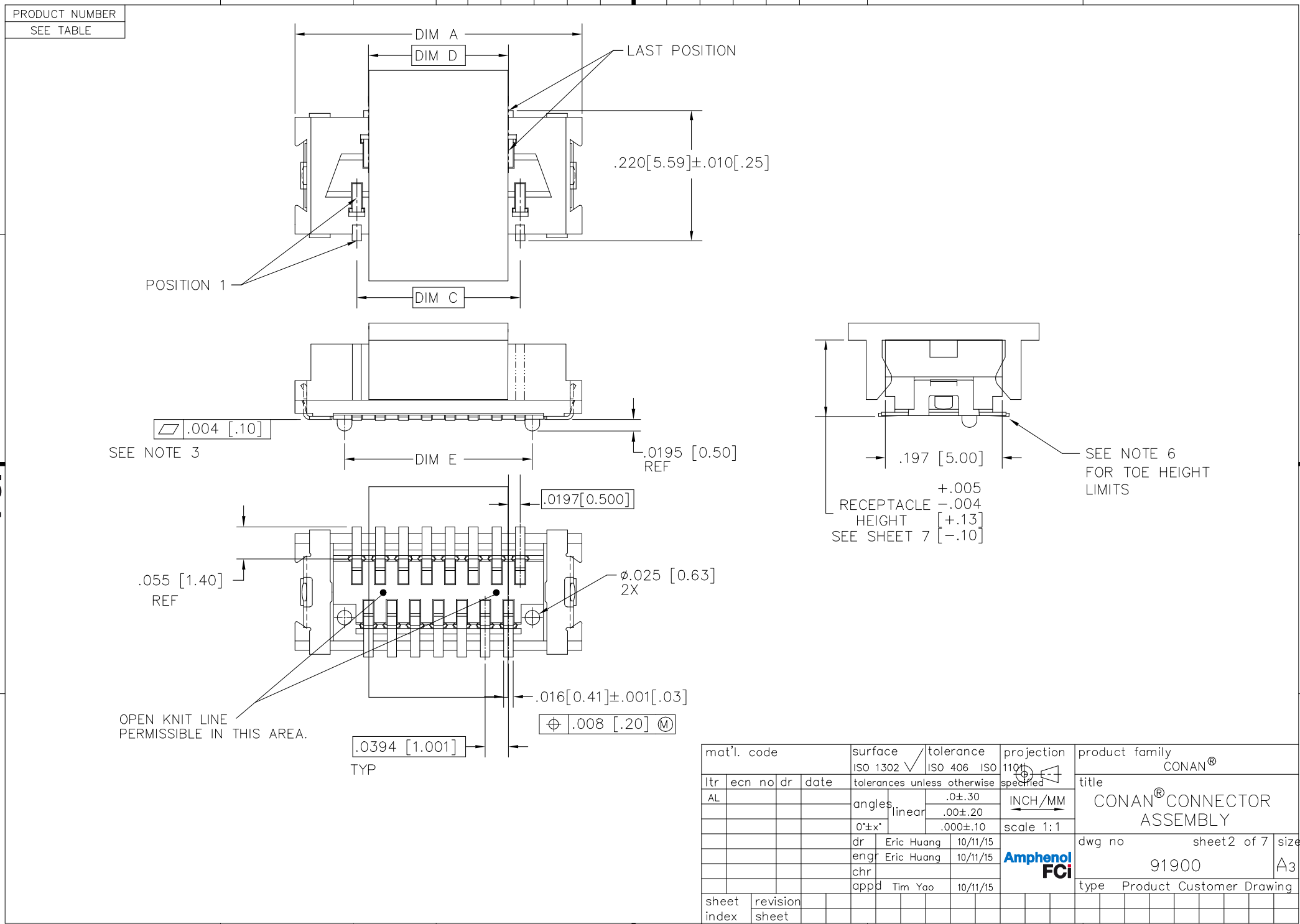


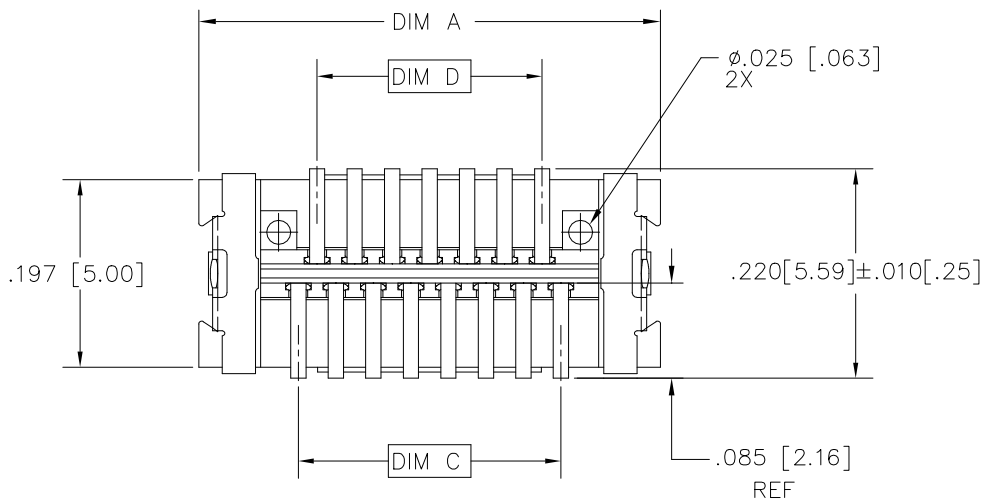


mat'l. code				surface			tolerance			projection		product family			
				ISO 1302			ISO 406			ISO 1101		CONAN®			
ltr	ecn no	dr	date	tolerances unless otherwise specified						INCH/MM		title			
AG	ELX-N-14208	GM	03/07/13	angles			linear					CONAN® CONNECTOR ASSEMBLY			
AH	ELX-N-22454	EH	10/11/15	0°±x'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

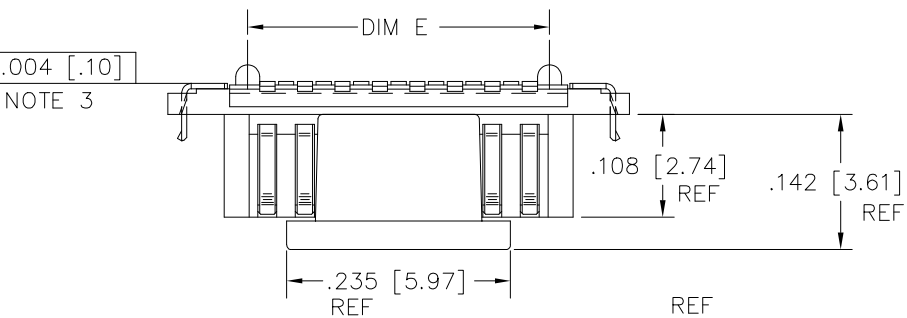


6

PRODUCT NUMBER
SEE TABLE

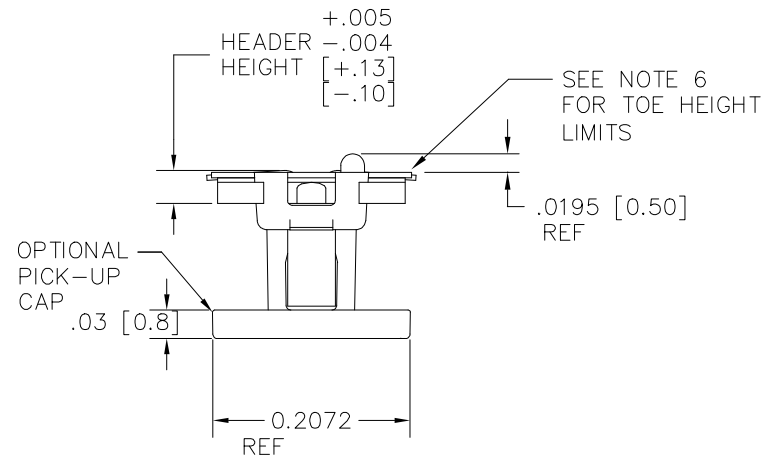


$\square$.004 [.10]
SEE NOTE 3



.016 [0.41] ± .001 [.03]
Φ .008 [.20] (M)

0.0394



mat'l. code				surface	tolerance	projection	product family
				ISO 1302 ✓	ISO 406 ISO 1101	INCH/MM	CONAN®
ltr	ecn	no	dr	date	tolerances unless otherwise specified		title
AL					linear .0±.30		CONAN® CONNECTOR ASSEMBLY
					angles .00±.20		
					0±x' .000±.10	scale 1:1	
				dr	Eric Huang 10/11/15	Amphenol FCI	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

6

1

2

3

4

5

6

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.

Amphenol FCI

© 2016 A FCI

mat'l. code		surface		tolerance		projection		product family	
		ISO 1302 ✓		ISO 406 ISO 1101				CONAN®	
litr ecn no dr date		tolerances unless otherwise specified						title	
AL		angles linear		.0±.30 .00±.20 .000±.10		INCH/MM		CONAN® CONNECTOR ASSEMBLY	
		0°±x'				scale 1:1		dwg no sheet6 of 7 size	
		dr Eric Huang		10/11/15					
		engr Eric Huang		10/11/15					
		chr							
		appd Tim Yao		10/11/15					
sheet index		revision sheet						91900 A3	
								type Product Customer Drawing	

form: A3-2016-02-24

1

2

PDS: Released

STATUS:Released

Printed: Apr 28, 2017

5

6

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 scale 1:1	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									

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

FCI / Amphenol:

[91911-21111](#) [91911-21241](#) [91911-21369](#) [91911-21451](#) [91930-31141](#) [91930-31151](#) [91931-21109](#) [91931-21151](#)
[91931-21169](#) [91931-32111](#) [91931-32141](#) [91901-21209LF](#) [91901-31609LF](#) [91901-31631LF](#) [91910-31111LF](#) [91911-](#)
[21109LF](#) [91911-21121LF](#) [91911-21125LF](#) [91911-21141LF](#) [91911-21151LF](#) [91911-21209LF](#) [91911-21221LF](#)
[91911-21225LF](#) [91911-21231LF](#) [91911-21241LF](#) [91911-21251LF](#) [91911-21309LF](#) [91911-21311LF](#) [91911-21315LF](#)
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[21451LF](#) [91911-21469LF](#) [91911-21509LF](#) [91911-21541LF](#) [91911-21551LF](#) [91911-21569LF](#) [91911-32169LF](#)
[91911-32541LF](#) [91921-21125LF](#) [91921-21151LF](#) [91930-31111LF](#) [91930-31125LF](#) [91930-31141LF](#) [91930-32141LF](#)
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[91932-31111LF](#) [91911-22525LF](#) [91932-31109LF](#) [91920-31169LF](#) [91911-32121LF](#) [91911-32409LF](#) [91901-32169LF](#)
[91922-31141LF](#) [91911-32531LF](#) [91932-31125LF](#) [91911-32125LF](#) [91932-31141LF](#) [91932-31121LF](#) [91911-](#)
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[91931-22125LF](#) [91911-32511LF](#) [91921-32141LF](#) [10086244-2131121](#) [91921-32125LF](#) [91911-32411LF](#) [91932-](#)
[32131LF](#) [91911-32151LF](#) [10086244-2131141](#) [91920-32125LF](#) [91901-32125LF](#)