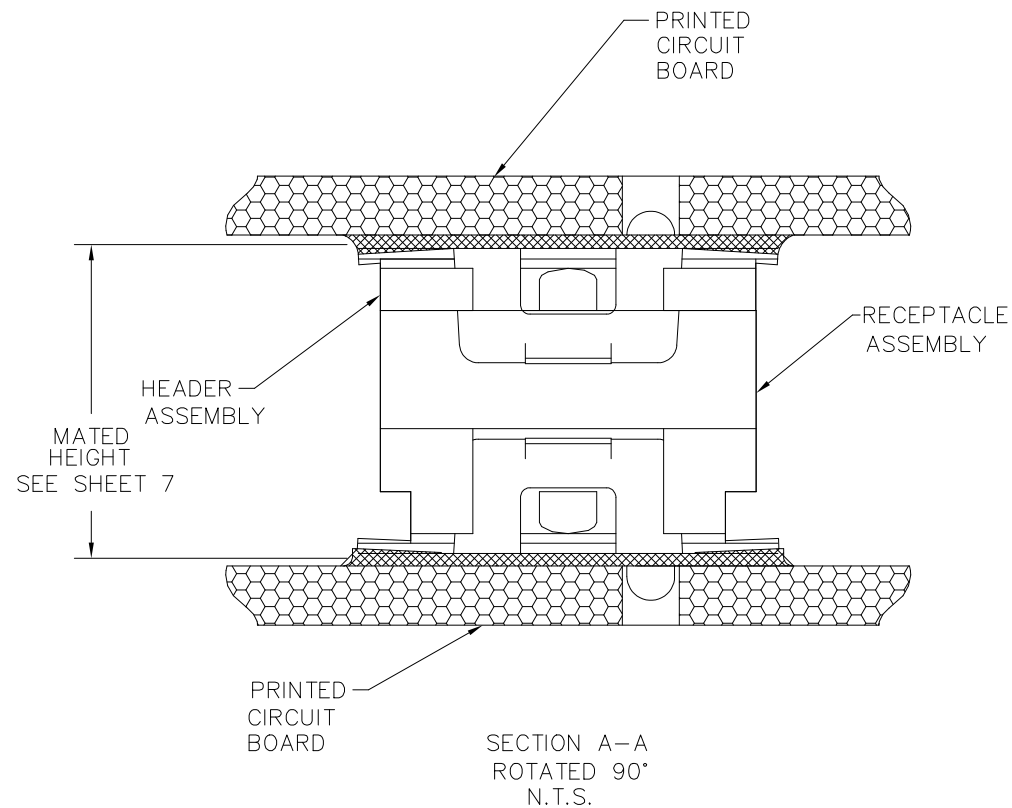
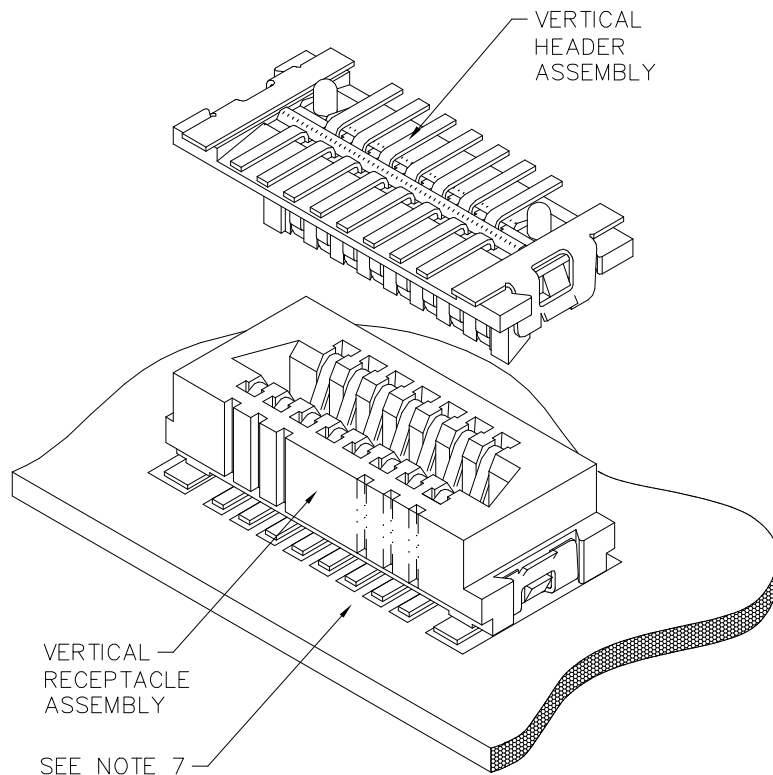
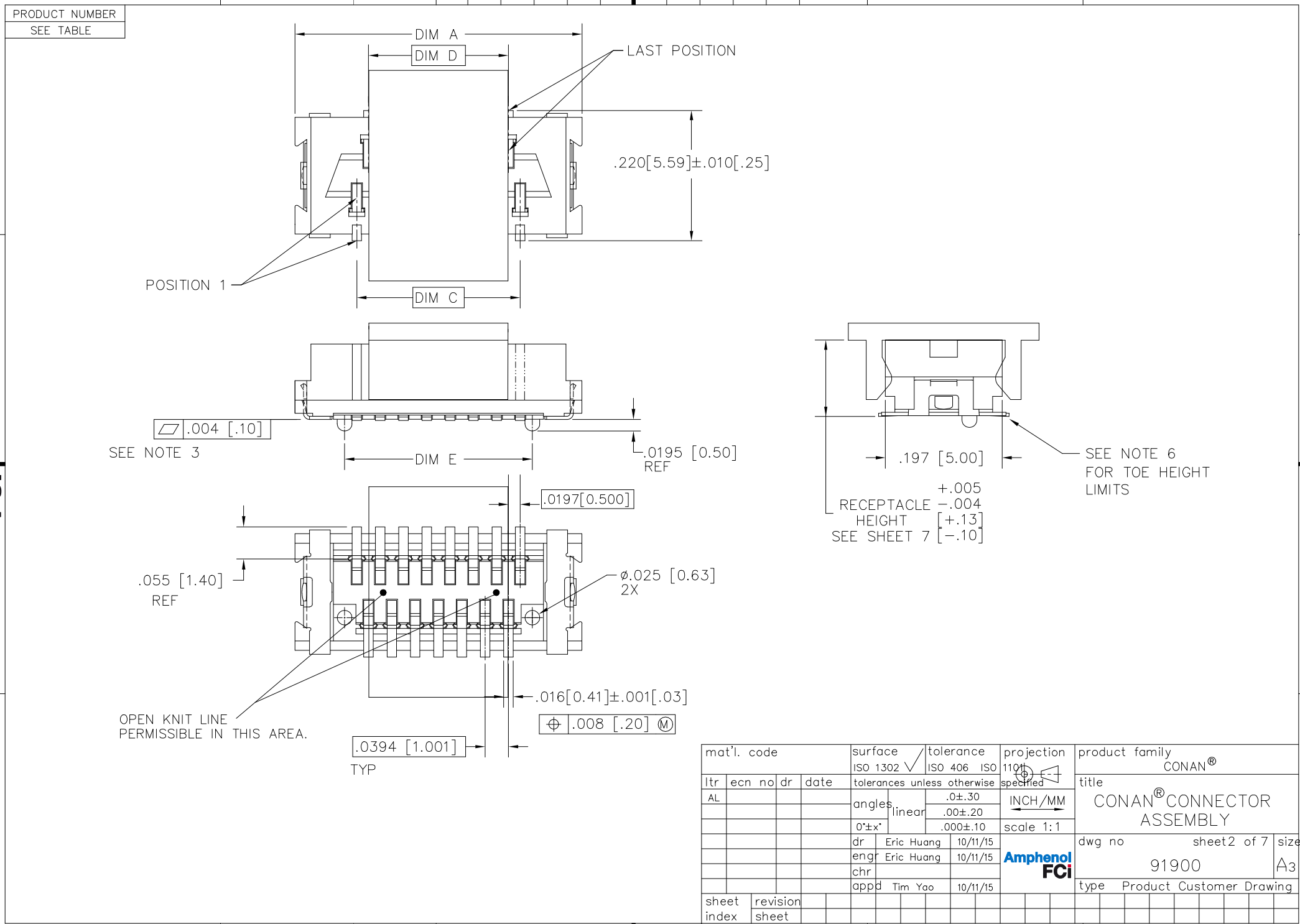


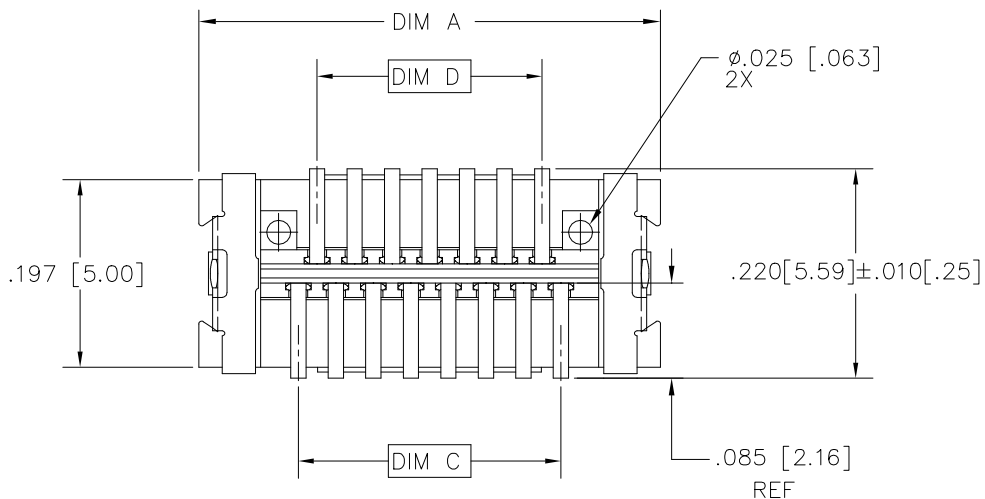


mat'l. code				surface			tolerance			projection		product family						
				ISO 1302 ✓			ISO 406 ISO 1101					CONAN®						
ltr	ecn no	dr	date	tolerances unless otherwise specified						INCH/MM		title						
AG	ELX-N-14208	GM	03/07/13	angles			linear			scale 1:1		CONAN® CONNECTOR ASSEMBLY						
AH	ELX-N-22454	EH	10/11/15															
AJ	—	EH	12/12/15	0°±x'			.00±.20											
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	revision	AL	AL	AL	AL	AL	AL	AL	AL									
index	sheet	1	2	3	4	5	6	7										

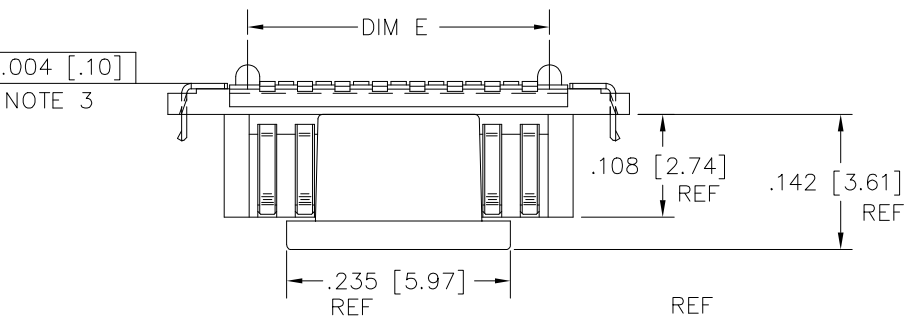


6

PRODUCT NUMBER
SEE TABLE

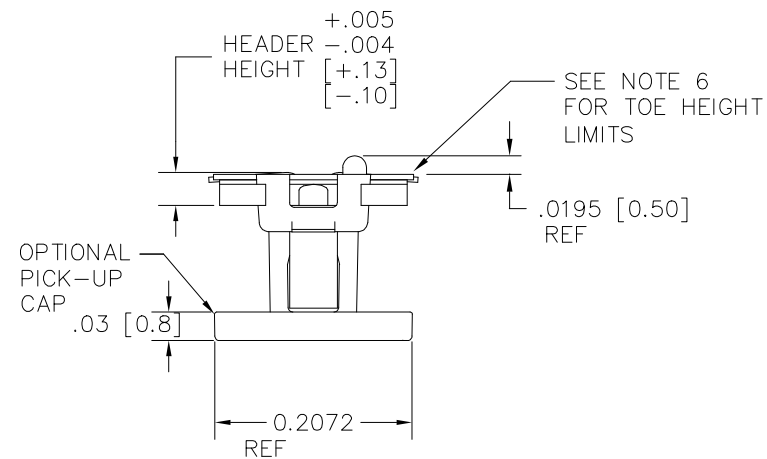


.004 [.10]
SEE NOTE 3

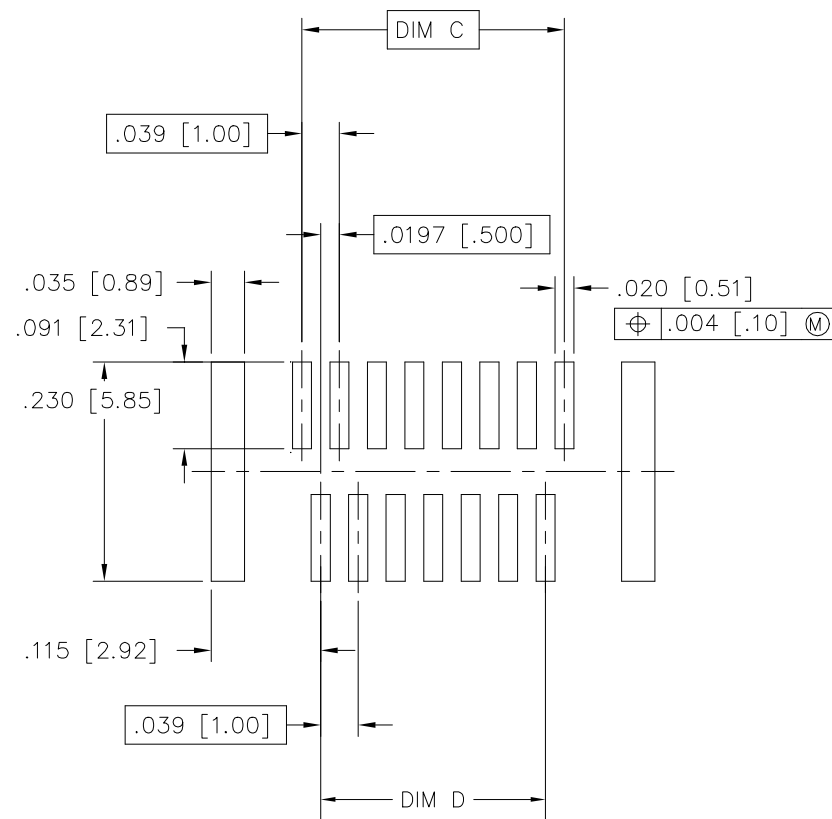


.016 [0.41] ± .001 [.03]
Φ .008 [.20] (M)

0.0394



mat'l. code				surface	tolerance	projection	product family
				ISO 1302 ✓	ISO 406 ISO 1101		CONAN®
ltr	ecn	no	dr	date	tolerances unless otherwise specified	INCH/MM	title
AL					angles linear .0±.30		CONAN® CONNECTOR ASSEMBLY
					0±x' .00±.20	scale 1:1	dwg no
					appd Tim Yao 10/11/15	Amphenol FCI	sheet 4 of 7 size
					engr Eric Huang 10/11/15		91900 A3
					chr		type Product Customer Drawing
sheet index	revision sheet						



RECOMMENDED
STENCIL LAYOUT
FOR HEADER

6



Amphenol
FCI

© 2016 APCI

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.

A

B

C

D

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	.0±.30	CONAN® CONNECTOR ASSEMBLY			
					linear	.00±.20				
					0°±x'	.000±.10	scale 1:1			
				dr	Eric Huang	10/11/15				
				engr	Eric Huang	10/11/15				
				chr						
				appd	Tim Yao	10/11/15				
sheet	revision						dwg no			
index	sheet						sheet 6 of 7			
							size			
							A3			
							type			
							Product Customer Drawing			

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									