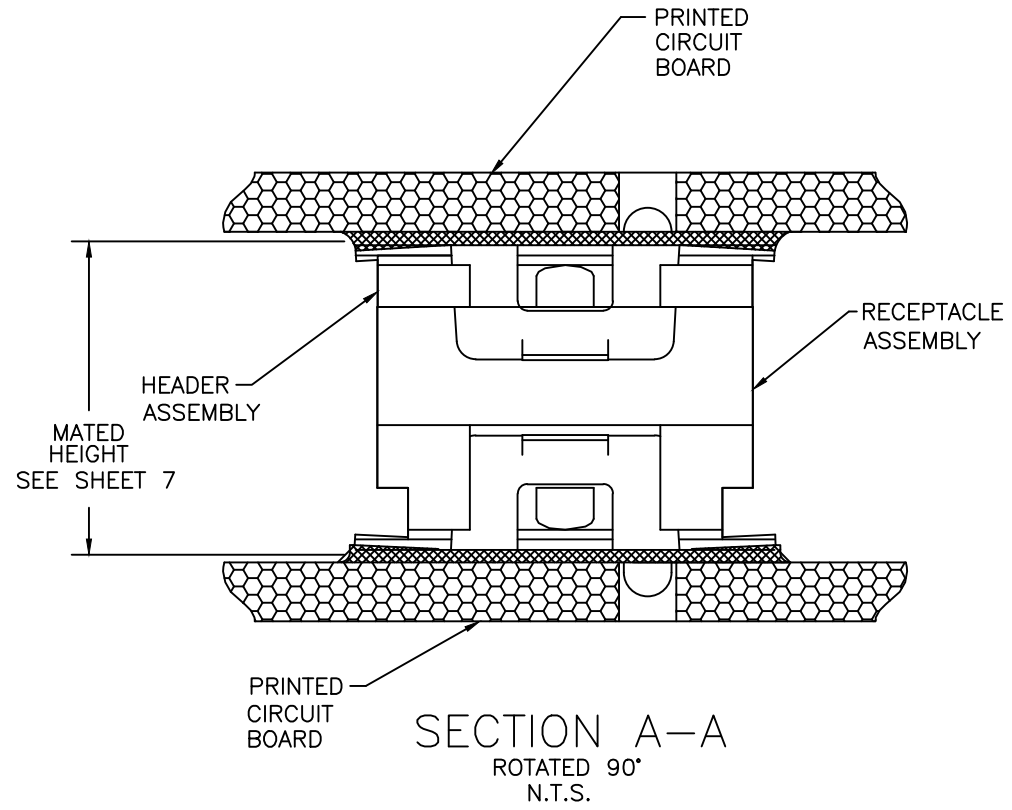
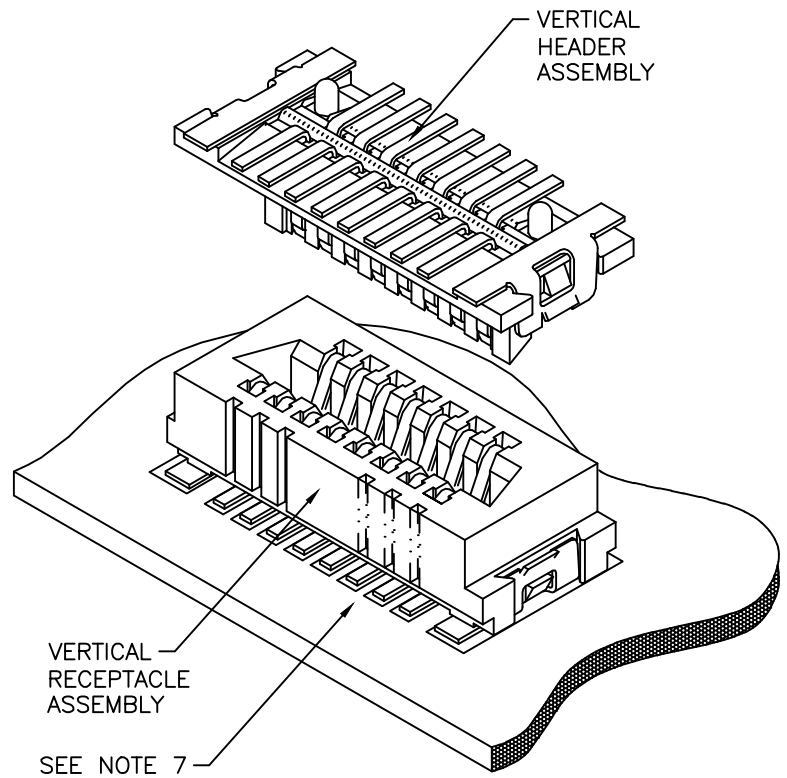


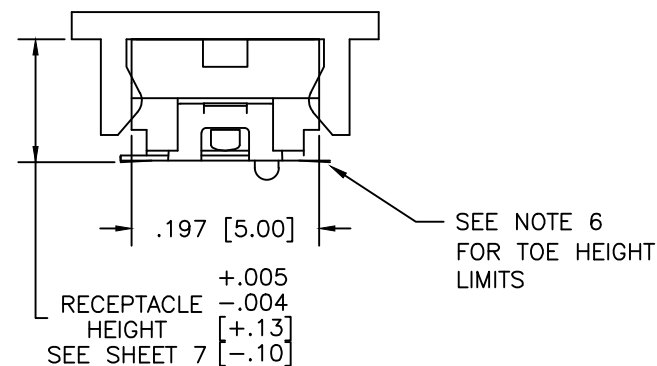
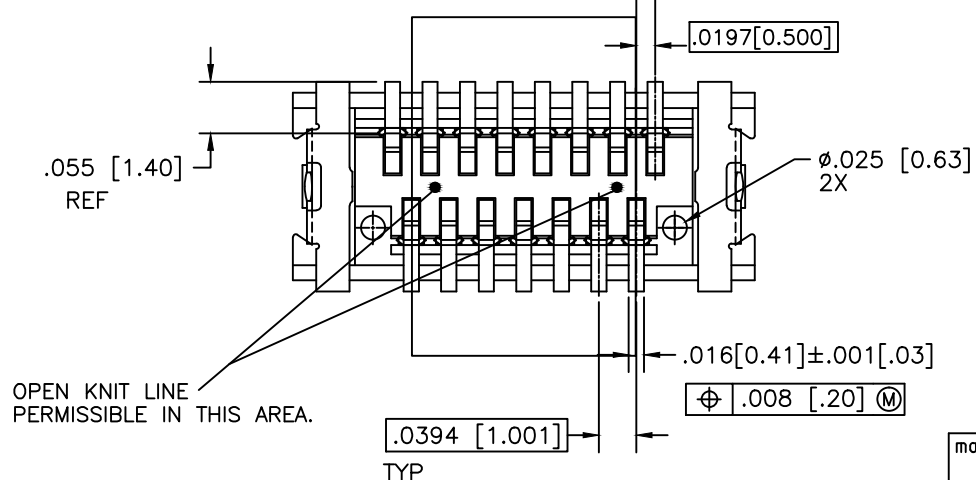
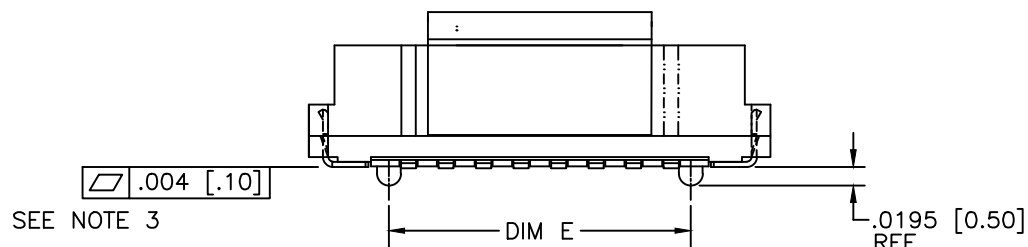
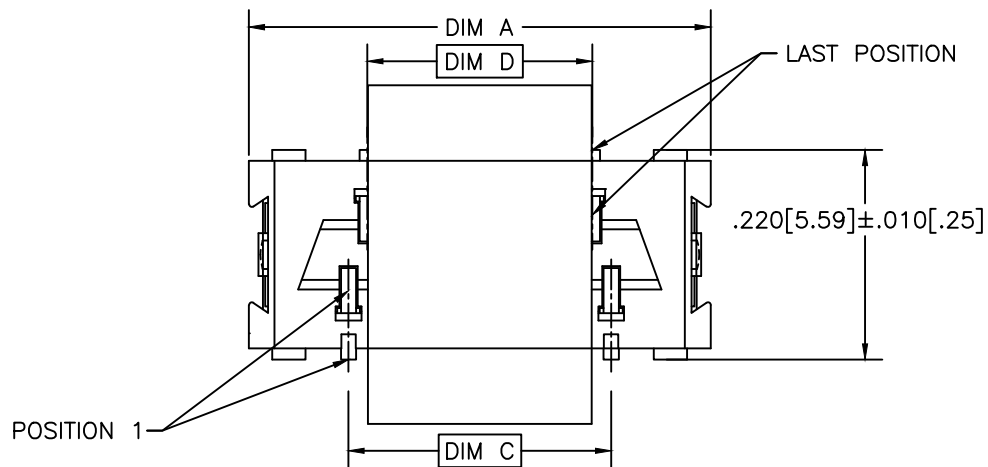


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mat'l. code				surface ISO 1302		tolerance ISO 406 ISO 1101		projection 		product family CONAN									
ltr	ecn no	dr	date	tolerances unless otherwise specified						INCH/MM		CONAN CONNECTOR ASSEMBLY							
AG	ELX-N-14208	GM	03/07/13	angles	linear	XXX±.01/XX±0.3													
AH	ELX-N-22454	EH	10/11/15			XXX±.005/XXX±0.13													
AJ	-	EH	12/12/15	0°±2"		XXXX±.0020/XXXX±0.051		scale 5:1		dwg no 91900 sheet 1 of 7 size A3									
-	-	-	-	dr	Eric Huang	10/11/15													
AD	M06-0373	MHT	09/26/06	engr	Eric Huang	10/11/15				type Product Customer Drawing									
AE	M08-0012	AGS	01/11/08	chr															
AF	M08-0287	MHT	10/02/08	appd	Tim Yao	10/11/15													
sheet index	revision sheet	AG	AG	AG	AG	AG	AG	AG											

PRODUCT NUMBER
SEE TABLE



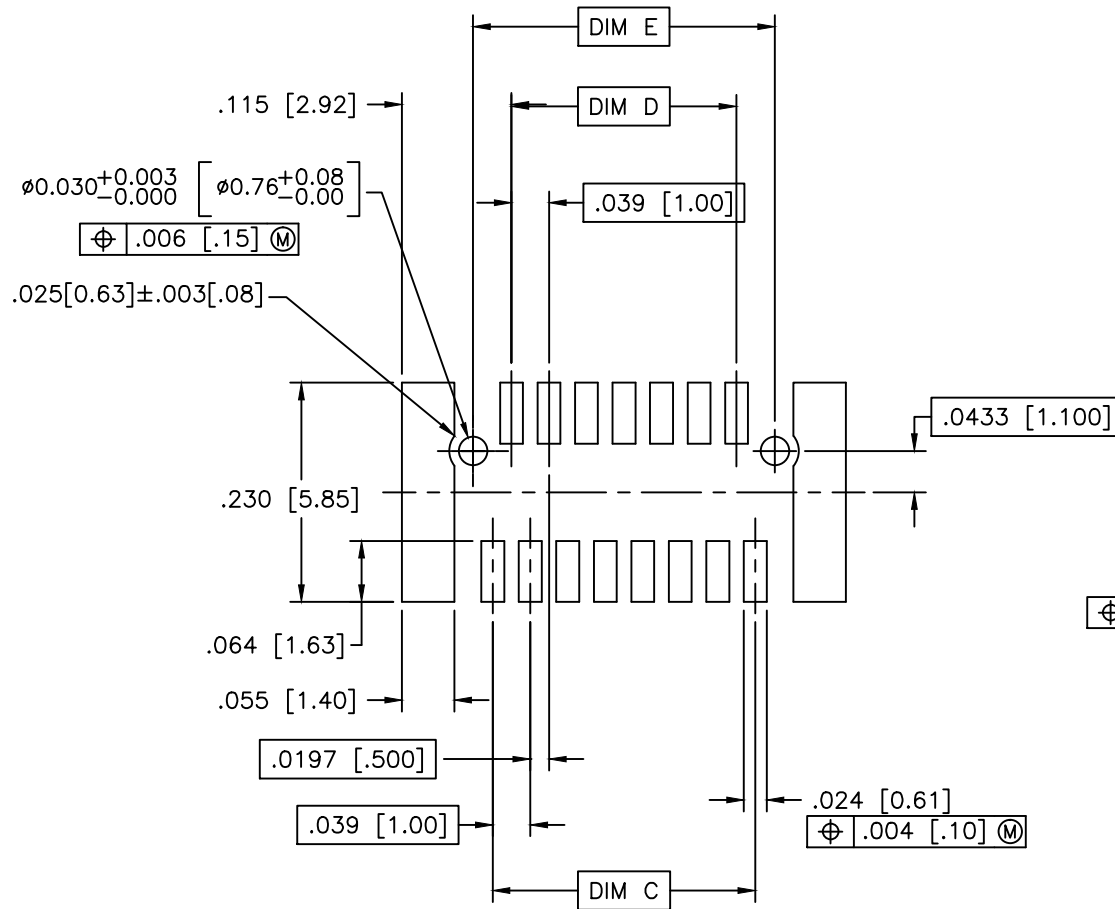
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ltr	ecn no	dr	date	tolerances unless otherwise specified		INCH/MM	title CONAN® CONNECTOR ASSEMBLY			
AJ				angles	linear					
				0°±2°		scale 5:1	dwg no 91900			
				dr	Eric Huang	11/10/15				
				enr	Eric Huang	11/10/15	sheet 2 of 7 size A3			
				chr	-	-				
				appd	Tim Yao	11/10/15	type Product Customer Drawing			
sheet index	revision sheet									



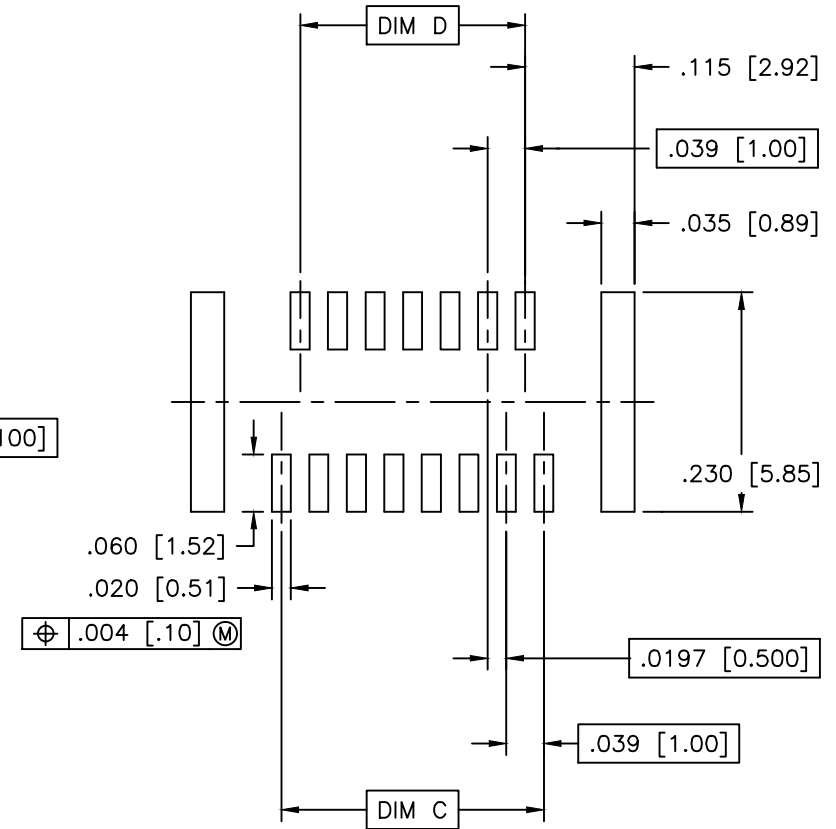
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PRODUCT NUMBER
SEE TABLE



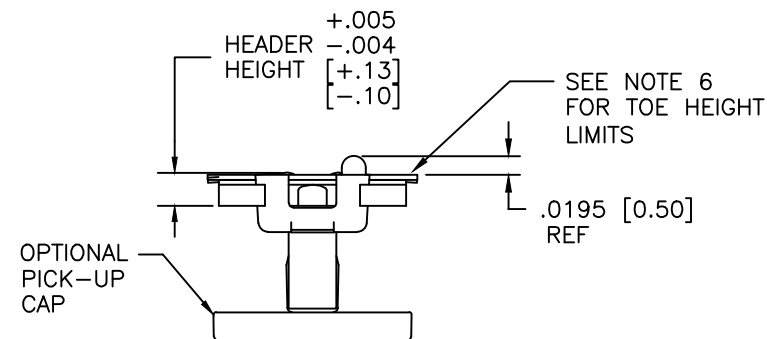
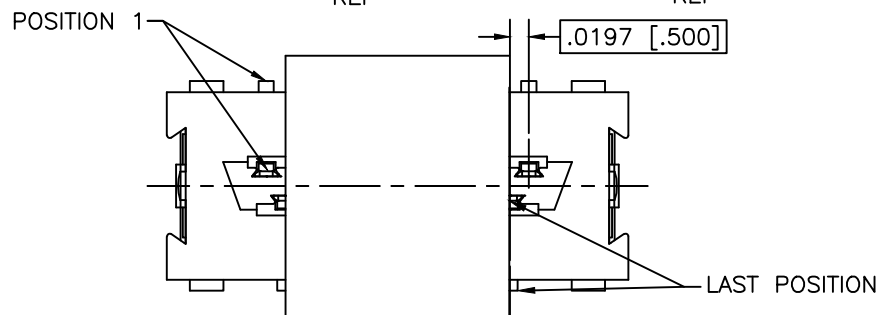
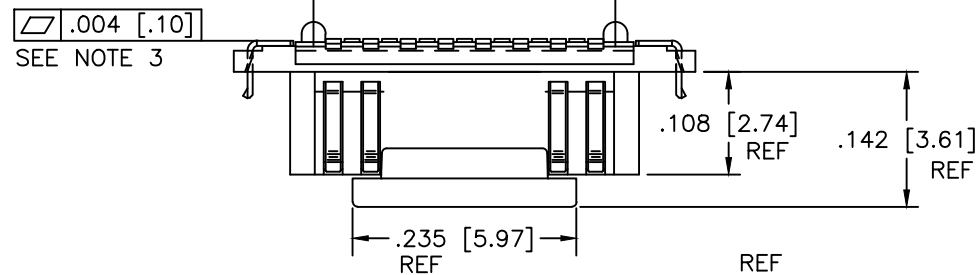
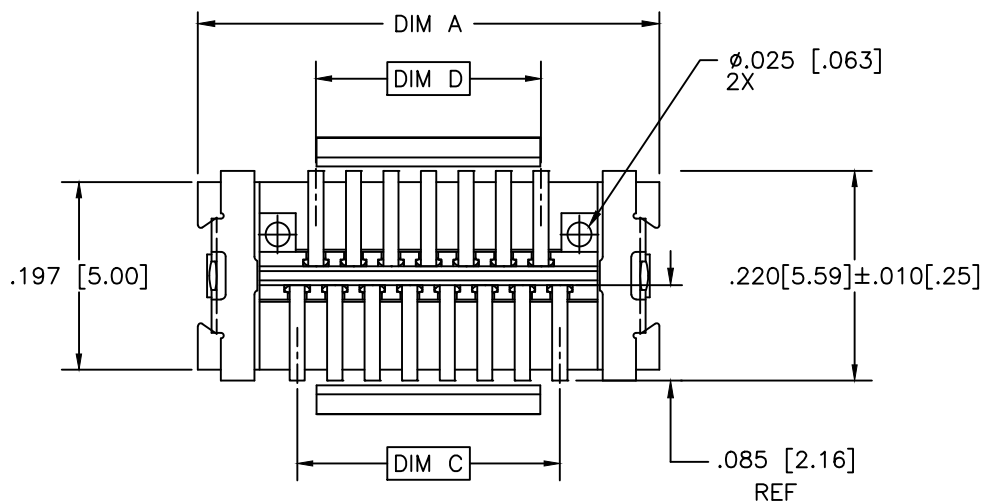
RECOMMENDED
PAD LAYOUT



RECOMMENDED
STENCIL LAYOUT
FOR RECEPTACLE

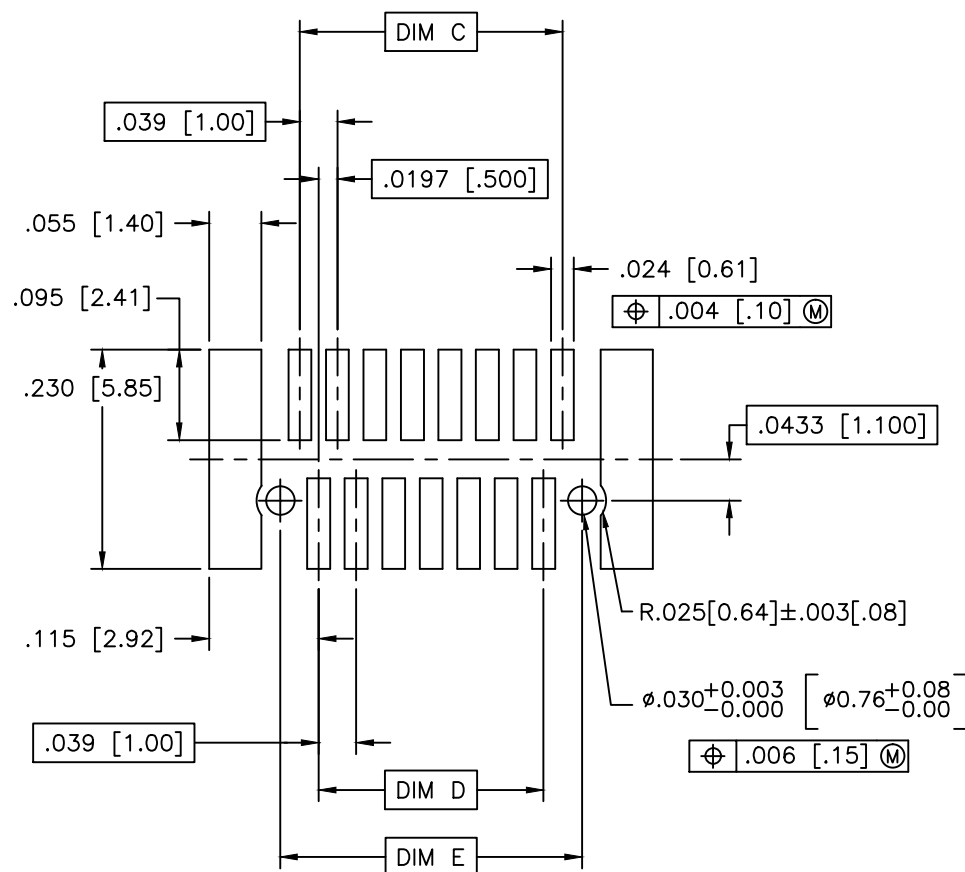
mat'l. code				surface ISO 1302	tolerance ISO 406 ISO 1101	projection 	product family CONAN®			
ltr	ecn no	dr	date	tolerances unless otherwise specified		INCH/MM	title CONAN® CONNECTOR ASSEMBLY			
AJ				angles	linear					
				0°±2°		scale 5:1				
				dr	Eric Huang	11/10/15				
				enr	Eric Huang	11/10/15				
				chr	-	-	dwg no 91900 sheet 3 of 7 size A3			
				appd	Tim Yao	11/10/15				
sheet index	revision sheet						type Product Customer Drawing			

PRODUCT NUMBER
SEE TABLE

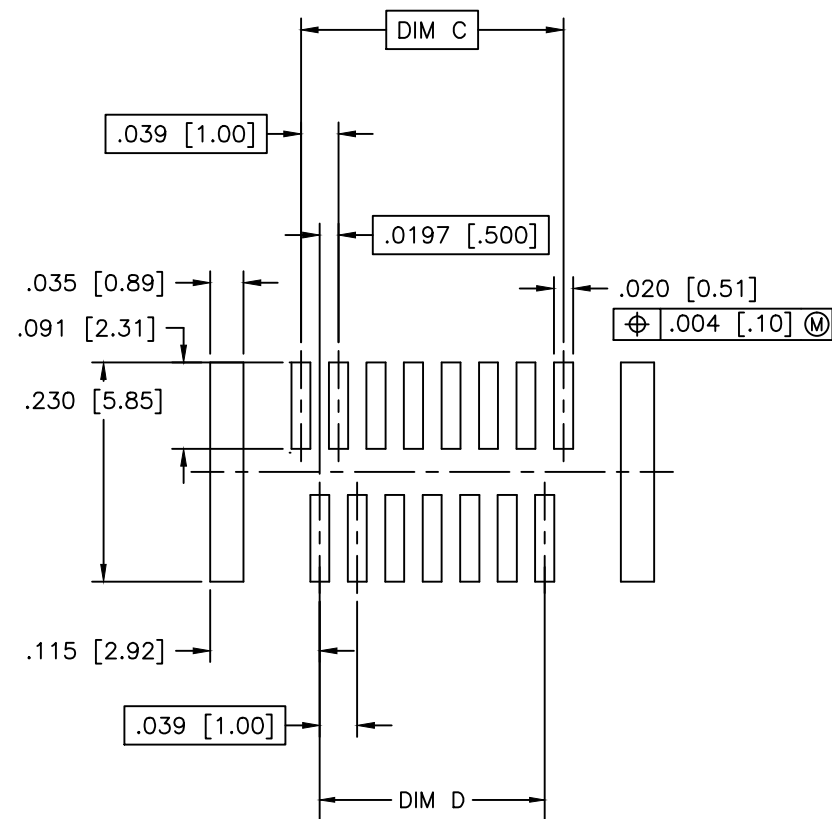


mat'l. code				surface ISO 1302	tolerance ISO 406 ISO 1101	projection INCH/MM	product family CONAN®
ltr	ecn no	dr	date	tolerances unless otherwise specified		scale 5:1	title CONAN® CONNECTOR ASSEMBLY
AJ				angles	linear		
					.XX±.01/.XX±0.3		
					.XXX±.005/.XXX±0.13		
					.XXX±.0020/.XXX±0.051		
				dr	Eric Huang	11/10/15	
				enr	Eric Huang	11/10/15	
				chr	-	-	
				appd	Tim Yao	11/10/15	
sheet index	revision sheet						

PRODUCT NUMBER
SEE TABLE



RECOMMENDED
PAD LAYOUT



RECOMMENDED
STENCIL LAYOUT
FOR HEADER

mat'l. code				surface ISO 1302	tolerance ISO 406 ISO 1101	projection 	product family CONAN®			
ltr	ecn no	dr	date	tolerances unless otherwise specified		INCH/MM scale 5:1	title CONAN® CONNECTOR ASSEMBLY			
AJ				angles	linear					
				0°±2'						
				dr	Eric Huang	11/10/15	dwg no 91900			
				enr	Eric Huang	11/10/15				
				chr	-	11/10/15	type Product Customer Drawing			
				appd	TimYao	11/10/15				
sheet index	revision sheet									

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 ☒ ISO 406 ☒ ISO 1101		tolerance		projection 		product family CONAN®	
ltr				ecn no		dr		date		title	
AJ										CONAN® CONNECTOR ASSEMBLY	
				angles		linear		INCH/MM		dwg no	
								scale 5:1		sheet 6 of 7	
				dr		Eric Huang		11/10/15		size A3	
				enrg		Eric Huang		11/10/15		91900	
				chr		-		-		type Product Customer Drawing	
				appd		Tim Yao		11/10/15			
sheet index		revision sheet									



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PRODUCT NUMBER
SEE TABLE

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™

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	ecr	no	dr	date	tolerances unless otherwise specified		title			
AJ					angles	linear	CONAN® CONNECTOR ASSEMBLY			
					0°±2°		scale 5:1			
					dr	Eric Huang	11/10/15	dwg no		
					enr	Eric Huang	11/10/15	sheet 7 of 7		
					chr	-	-	size		
					appd	Tim Yao	11/10/15	A3		
sheet index	revision sheet							type		
								Product Customer Drawing		