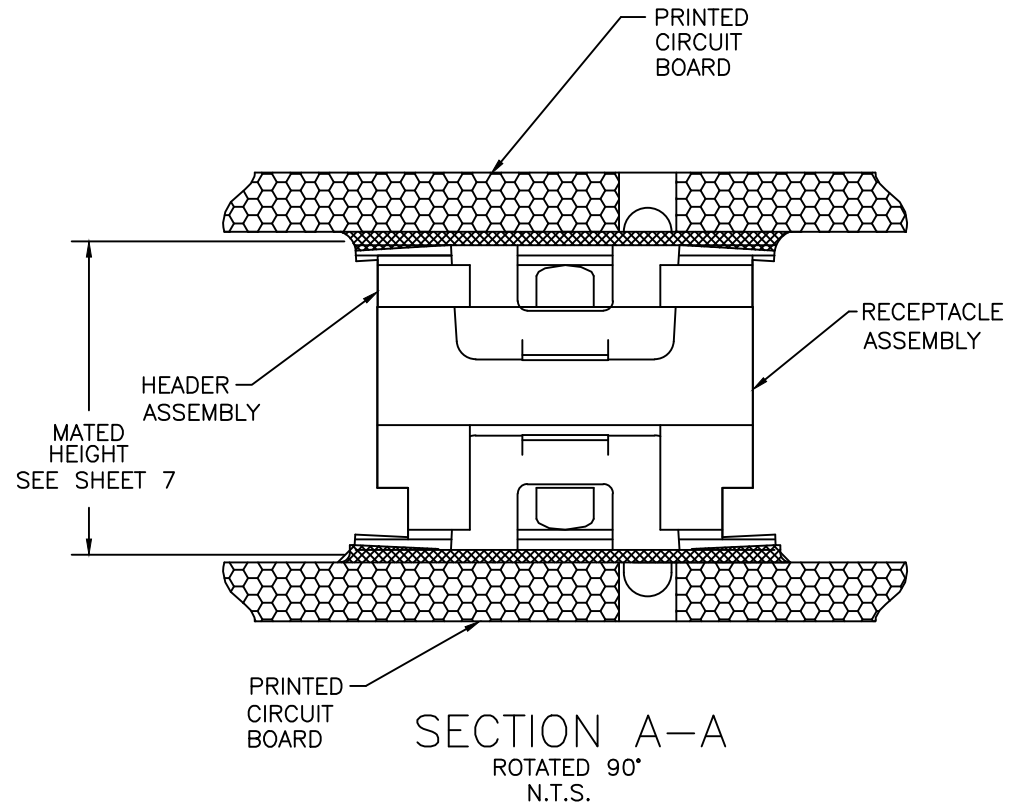
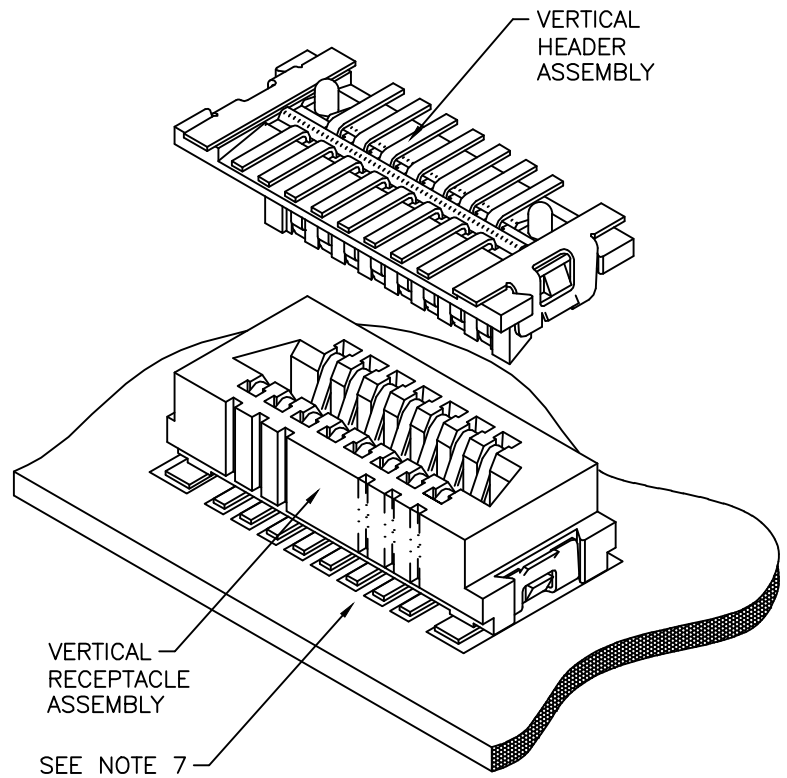


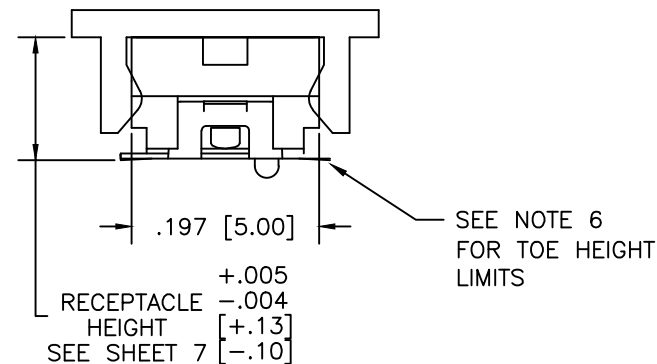
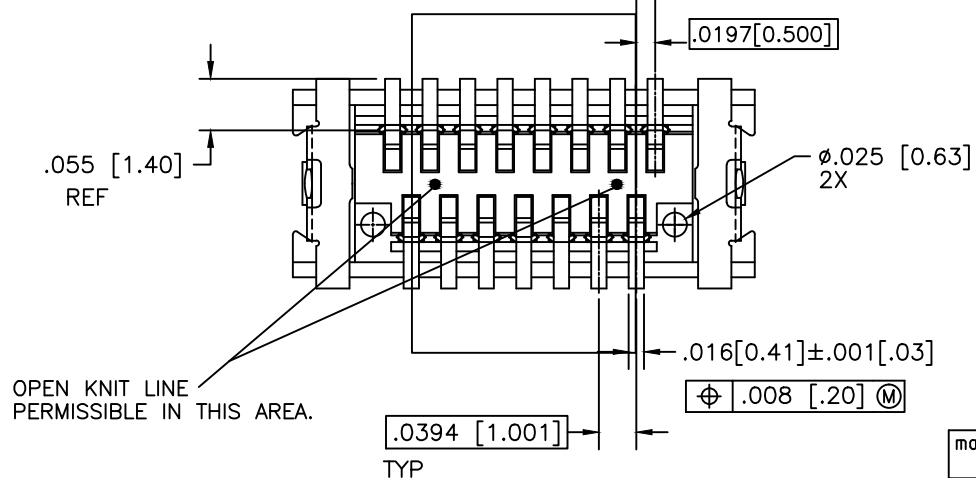
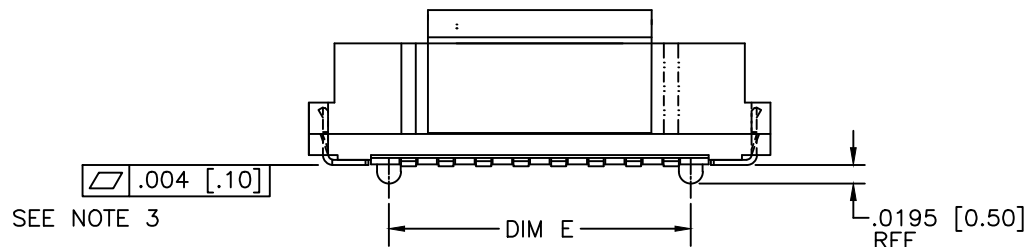
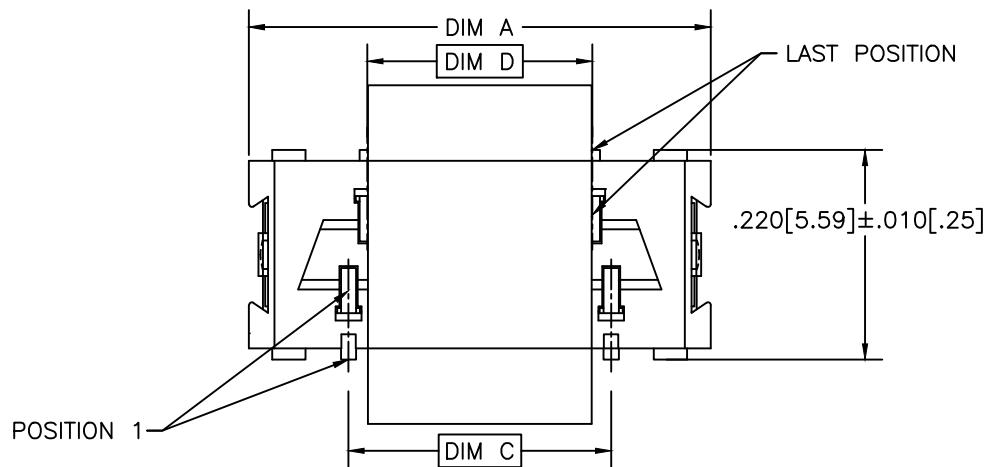


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mat'l. code				surface ISO 1302		tolerance ISO 406 ISO 1101		projection 		product family CONAN			
ltr	ecn no	dr	date	tolerances unless otherwise specified						title			
AG	ELX-N-14208	GM	03/07/13	angles	linear	XX±.01/XX±0.3		INCH/MM 	CONAN CONNECTOR ASSEMBLY				
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							
-	-	-	-	dr	Eric Huang	10/11/15		scale 5:1		dwg no 91900 sheet 1 of 7 size A3			
AD	M06-0373	MHT	09/26/06	engr	Eric Huang	10/11/15							
AE	M08-0012	AGS	01/11/08	chr					type Product Customer Drawing				
AF	M08-0287	MHT	10/02/08	appd	Tim Yao 10/11/15								
sheet index	revision sheet	AG 1	AG 2	AG 3	AG 4	AG 5	AG 6	AG 7					

PRODUCT NUMBER
SEE TABLE



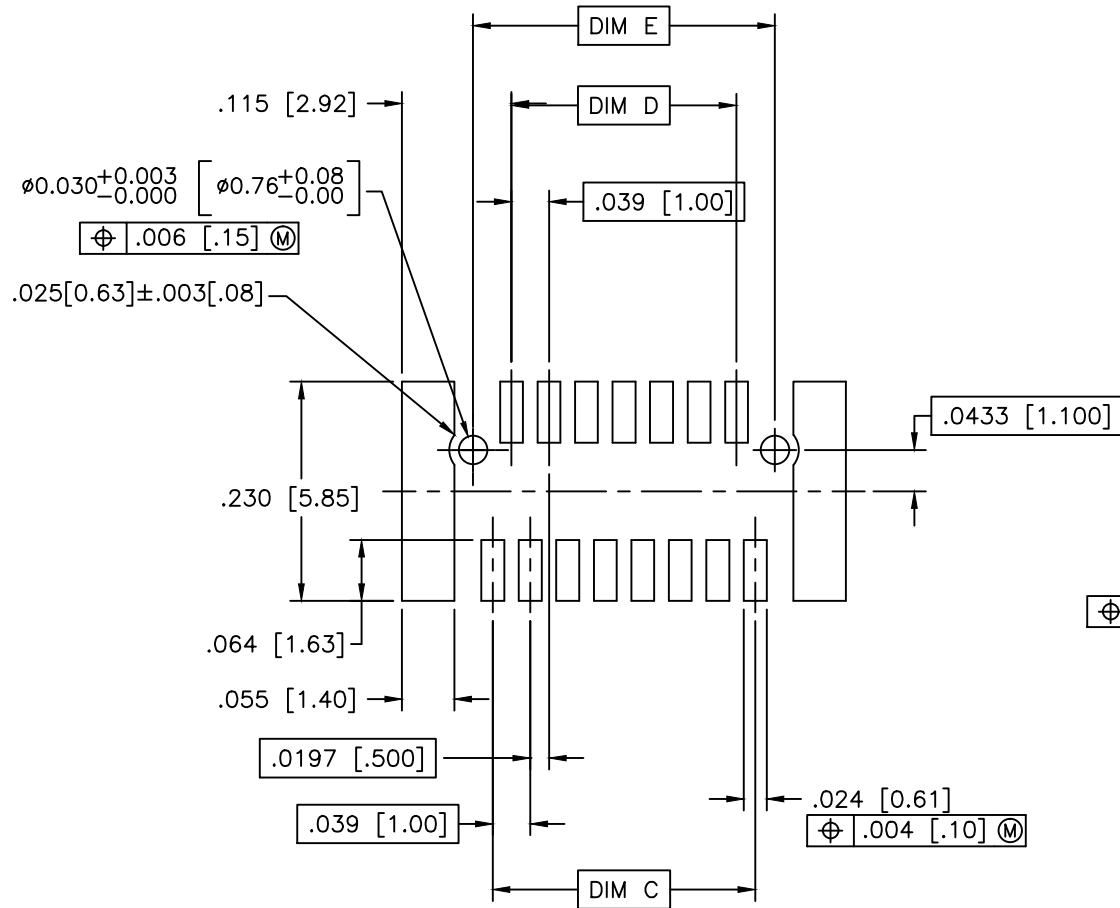
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ltr	ecn no	dr	date	tolerances unless otherwise specified		scale 5:1	title CONAN® CONNECTOR ASSEMBLY
AJ				angles	linear		
				0°±2°	.XX±.01/.X±0.3 .XXX±.005/.XX±0.13 .XXX±.0020/.XXX±0.051		
		dr	Eric Huang	11/10/15			dwg no
		enr	Eric Huang	11/10/15			91900
		chr	-	-			sheet 2 of 7 size
		appd	Tim Yao	11/10/15			A3
sheet index	revision sheet						type Product Customer Drawing



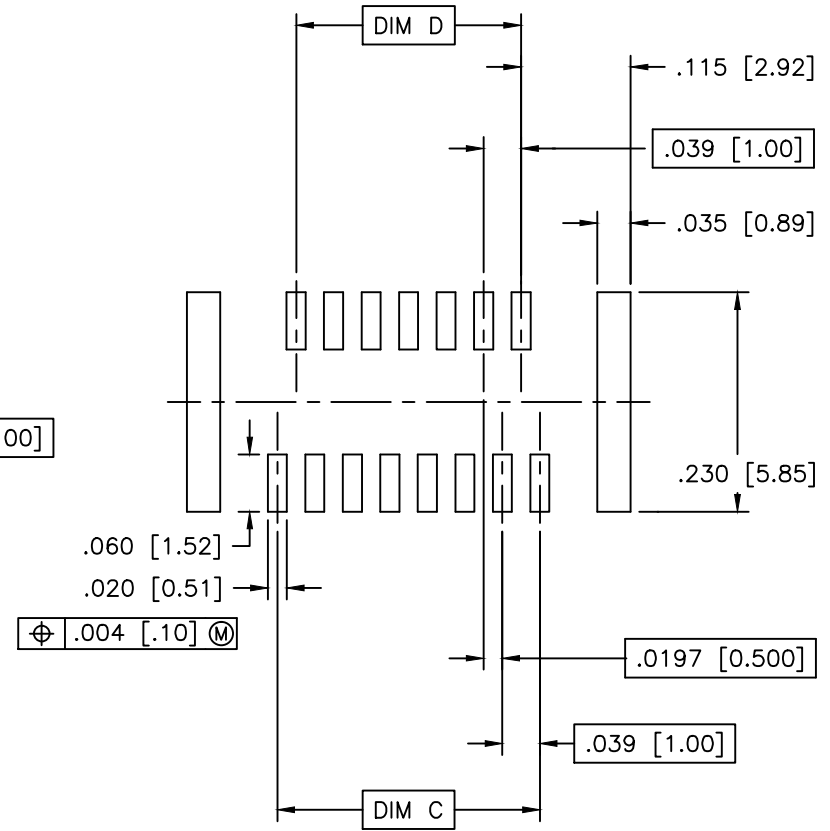
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PRODUCT NUMBER
SEE TABLE



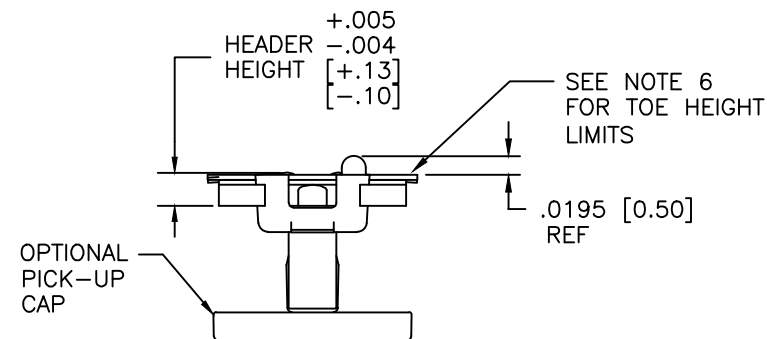
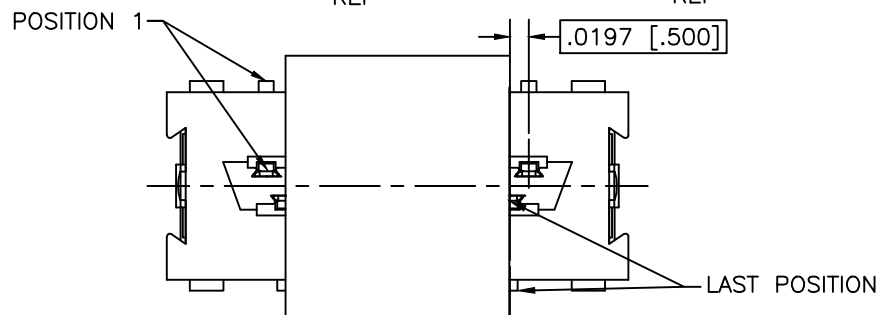
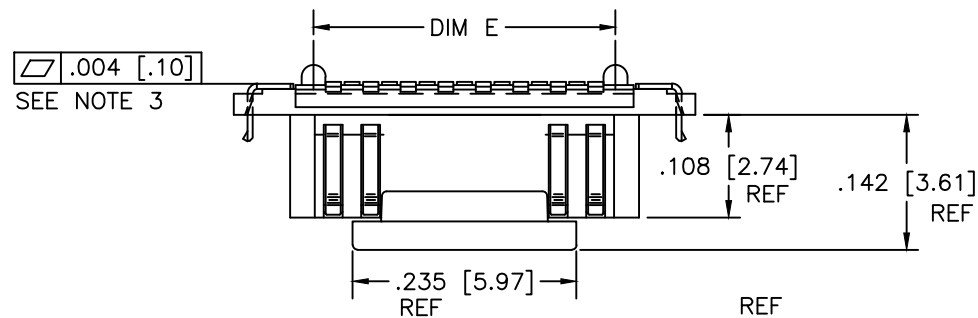
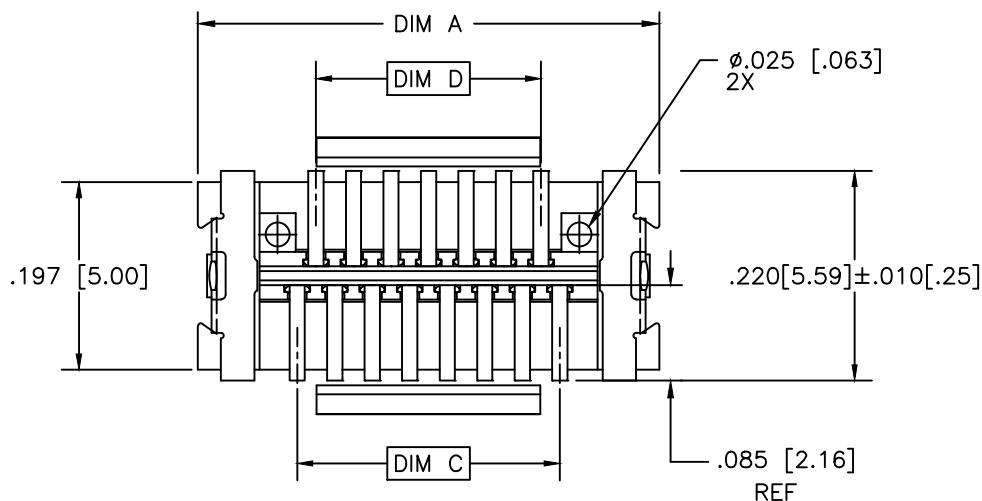
RECOMMENDED
PAD LAYOUT



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	dwg no 91900			
				enr	Eric Huang	11/10/15				
				chr	-	-	type Product Customer Drawing			
				appd	Tim Yao	11/10/15				
sheet index	revision sheet									

PRODUCT NUMBER
SEE TABLE

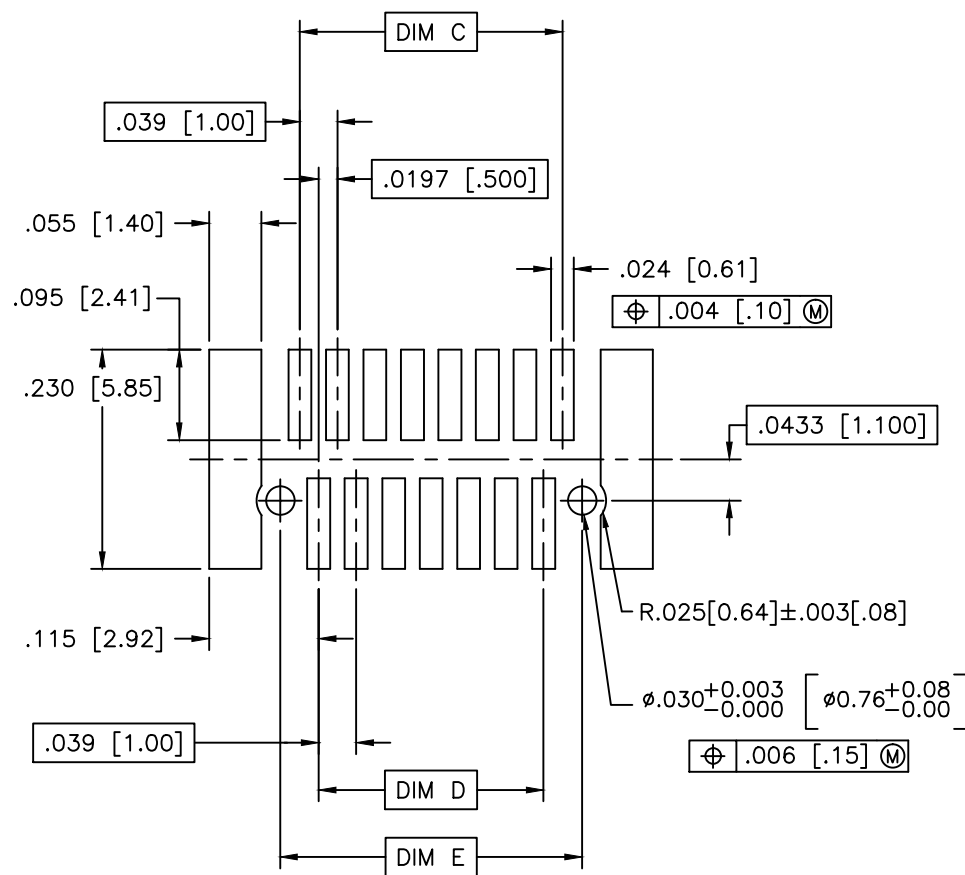
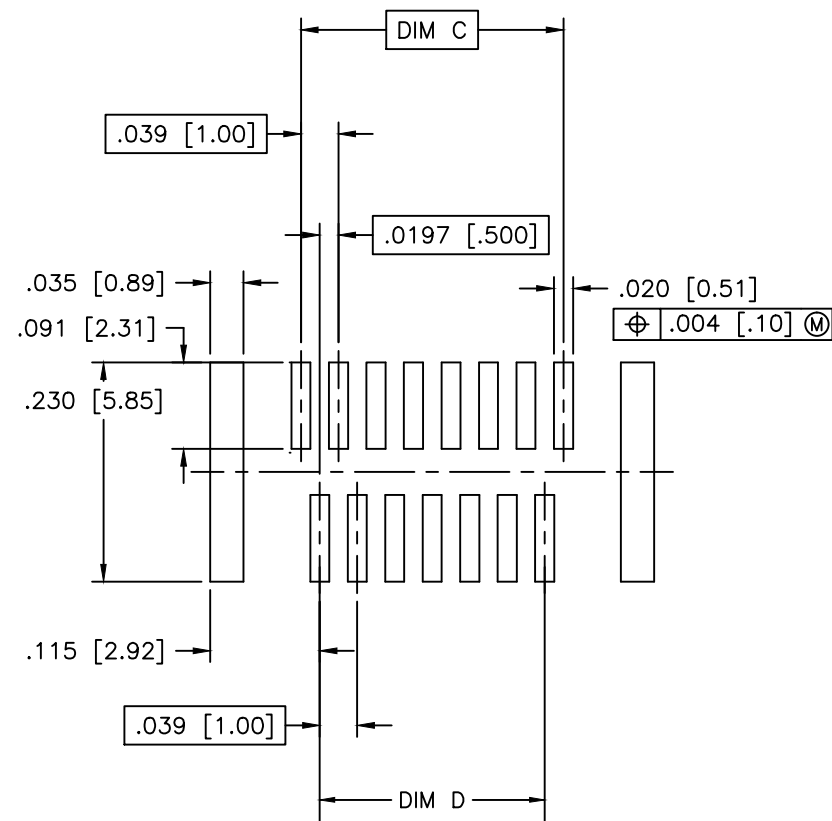


mat'l. code				surface ISO 1302	tolerance ISO 406 ISO 1101	projection 	product family CONAN®		
ltr	ecn no	dr	date	tolerances unless otherwise specified		INCH/MM	title CONAN® CONNECTOR ASSEMBLY		
AJ				angles	linear				
						scale 5:1	dwg no 91900		
				dr	Eric Huang	11/10/15			
				enr	Eric Huang	11/10/15	sheet 4 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 TABLERECOMMENDED
PAD LAYOUTRECOMMENDED
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							title CONAN® CONNECTOR ASSEMBLY			
AJ				angles	linear	.XX±.01/.XX±0.3		scale 5:1						
						.XXX±.005/.XXX±0.13								
				0°±2°		.XXXX±.0020/.XXXX±0.051								
		dr	Eric Huang	11/10/15					dwg no		sheet 5 of 7 size			
		enr	Eric Huang	11/10/15					91900		A3			
		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	tolerance	projection	product family
				ISO 1302	ISO 406 ISO 1101		CONAN®
ltr	ecn no	dr	date	tolerances unless otherwise specified		INCH/MM	title
AJ				angles	linear		CONAN® CONNECTOR ASSEMBLY
				0°±2°		scale 5:1	
				dr	Eric Huang	11/10/15	dwg no
				enrg	Eric Huang	11/10/15	sheet 6 of 7
				chr	-	-	size
				appd	Tim Yao	11/10/15	A3
sheet	revision						type
index	sheet						Product Customer Drawing



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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
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		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	-	-	
				appd	Tim Yao	11/10/15	type Product Customer Drawing
sheet index	revision sheet						