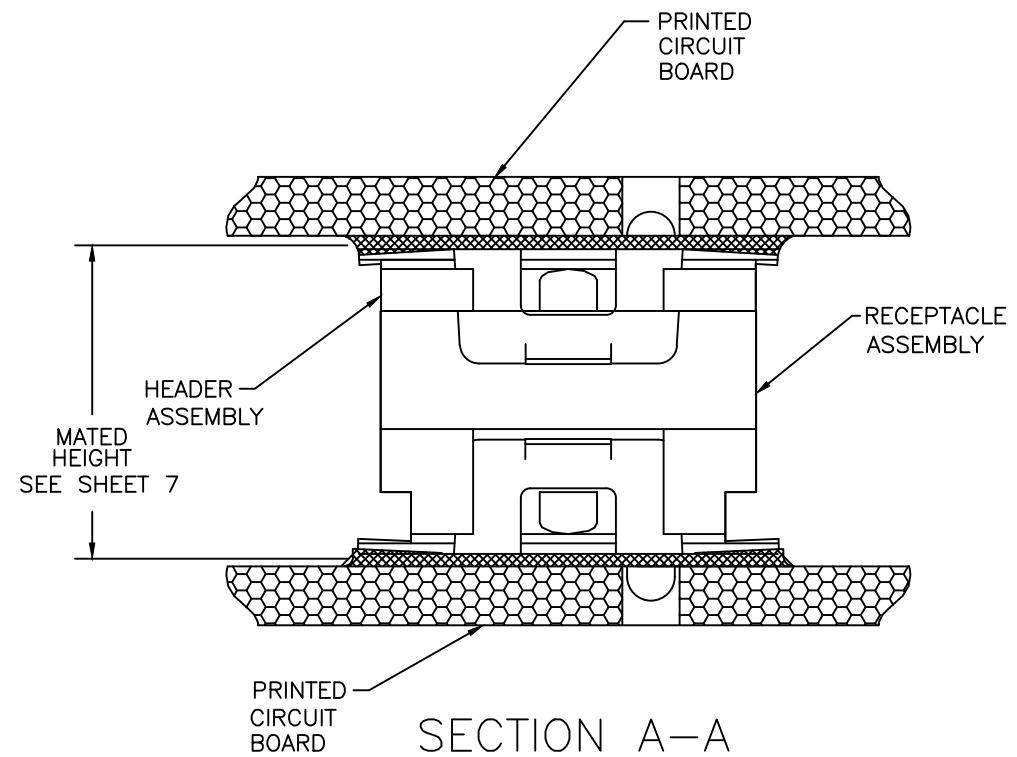
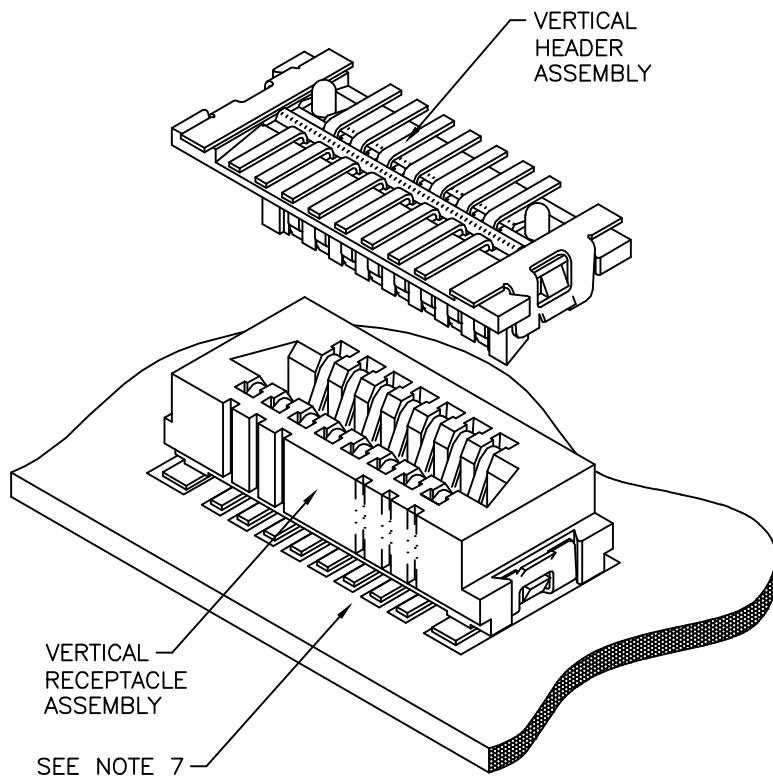


PRODUCT NUMBER
SEE TABLE



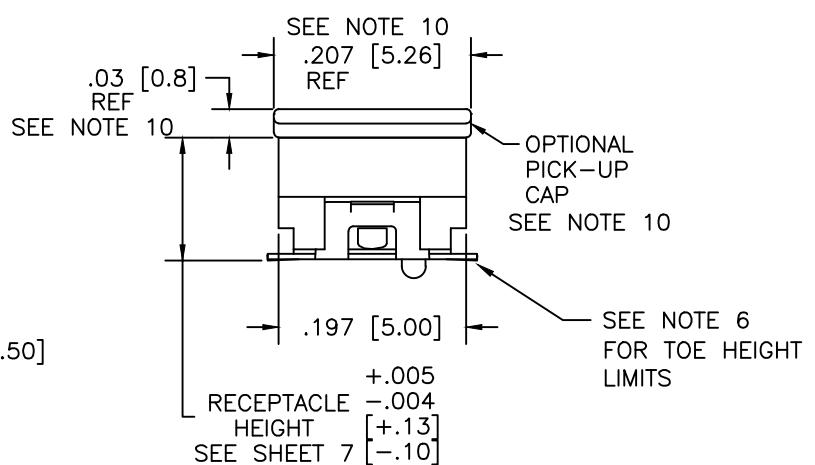
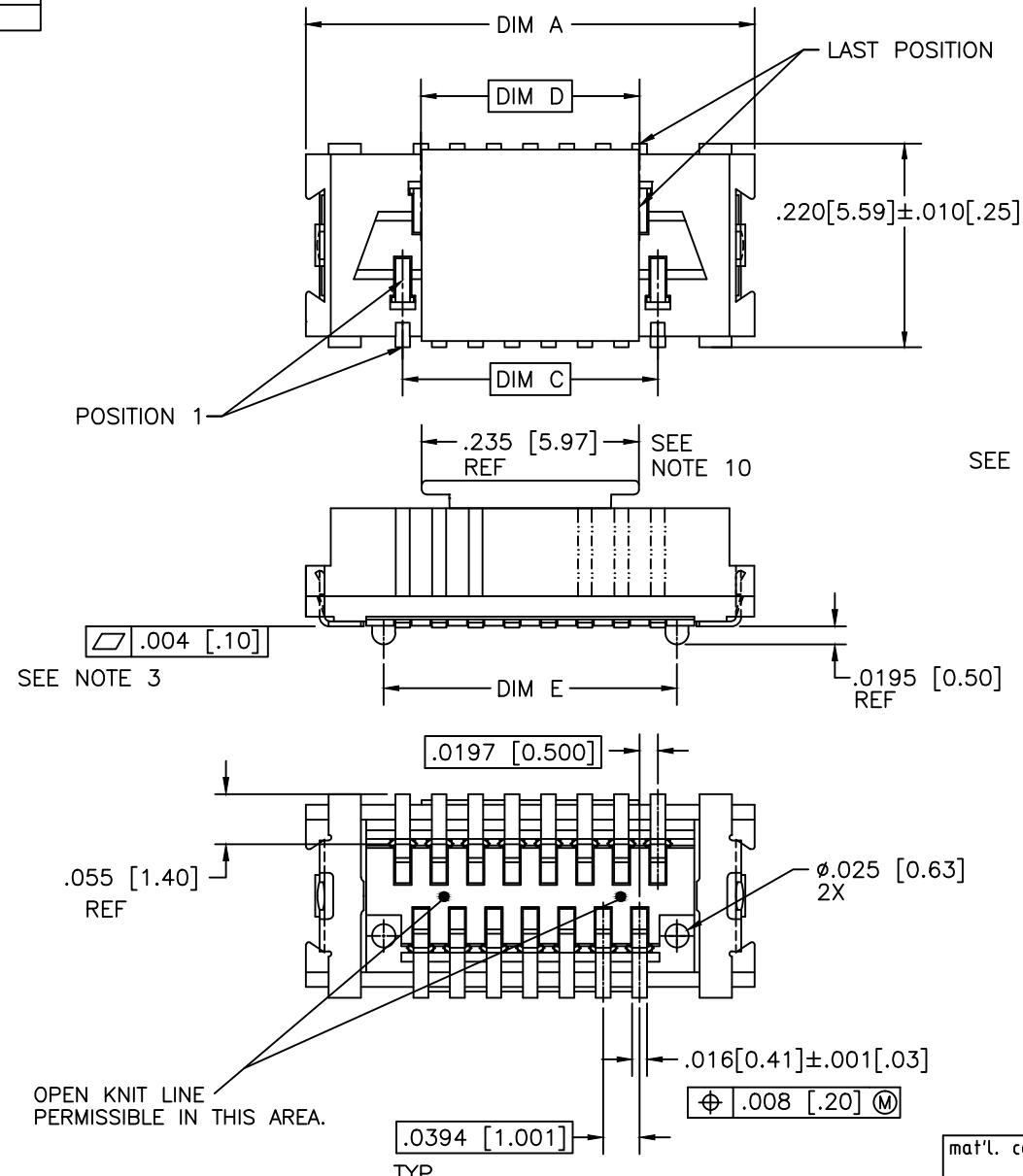
mat'l. code				surface	tolerance	projection	product family
ltr	ecn no	dr	date	ISO 1302	ISO 406 ISO 1101		CONAN®
AG	ELX-N-14208	GM	03/07/13		XX±01/XX±03		
-	-	-	-		XXX±005/XX±013	INCH/MM	
AB	M05-0110	MHT	05/26/05	0°±2°	XXX±0020/XXX±005	scale 5:1	
AC	M06-0232	AGS	06/12/06	dr	R.SEIPLE	11/13/91	
AD	M06-0373	MHT	09/26/06	engr	D.HORCHLER	01/10/92	
AE	M08-0012	AGS	01/11/08	chr	D.HORCHLER	01/10/92	
AF	M08-0287	MHT	10/02/08	appd	D.HORCHLER	01/10/92	
sheet	revision	AG	AG	AG	AG	AG	
index	sheet	1	2	3	4	5	
				6	7		

dwg no sheet 1 of 7 size
91900 A3

FCI

type Product Customer Drawing

PRODUCT NUMBER
SEE TABLE



mat'l. code				surface	tolerance	projection	product family
ltr	ecn no	dr	date	ISO 1302	ISO 406 ISO 1101		CONAN®
AG				angles	XX±01/XX±03 XXX±005/XXX±013 XXXX±0020/XXX±005		INCH/MM
				linear	0°±2°		
					dr R.SEIPLE 11/13/91		
					engr D.HORCHLER 01/10/92		
					chr D.HORCHLER 01/10/92		
					appd D.HORCHLER 01/10/92		
sheet index		revision sheet					

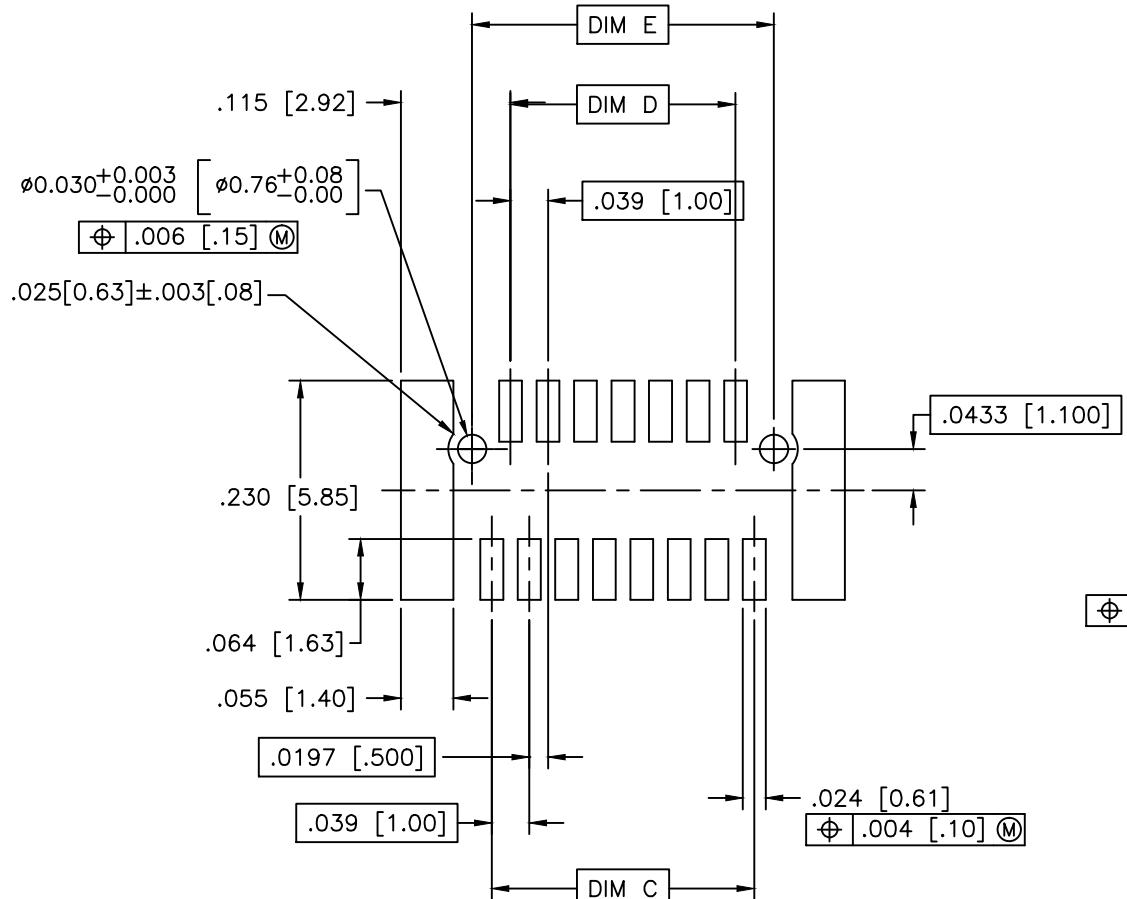
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dwg no sheet 2 of 7 size
91900 A3

type Product Customer Drawing

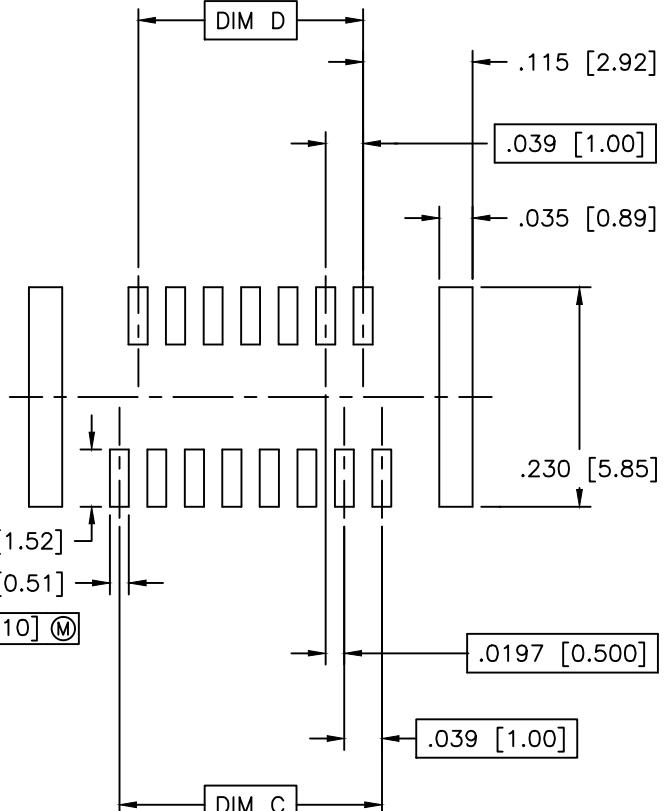


PRODUCT NUMBER
SEE TABLE



RECOMMENDED PAD LAYOUT

RECOMMENDED STENCIL LAYOUT FOR RECEPTACLE

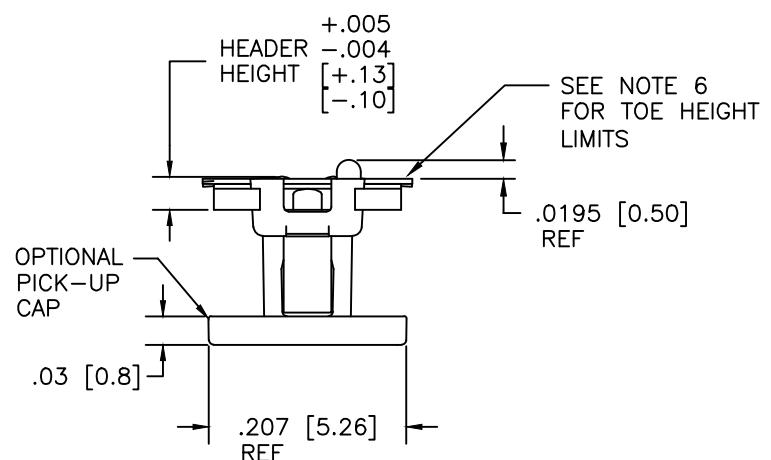
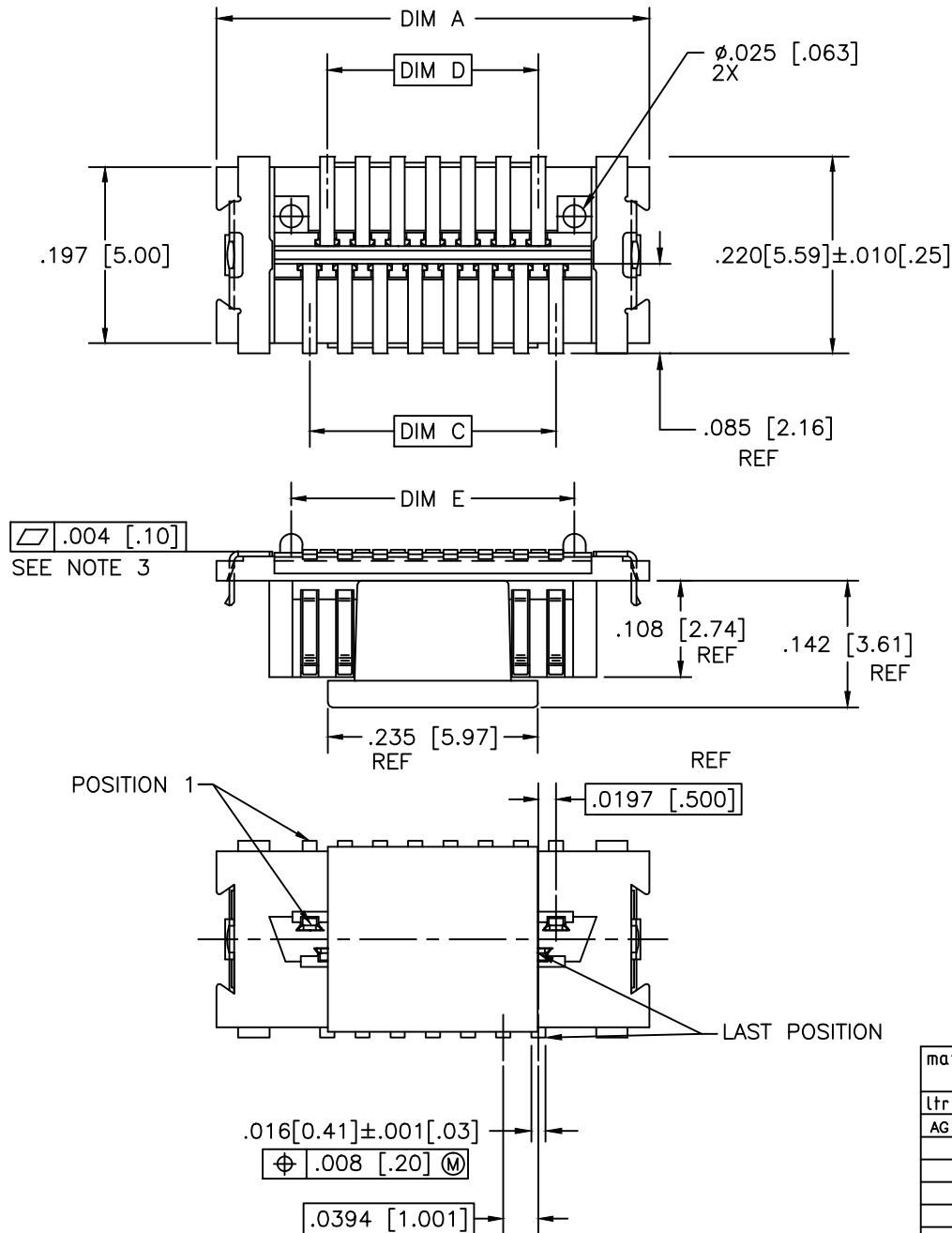


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mat'l. code				surface ISO 1302		tolerance ISO 406 ISO 1101		projection 	product family CONAN®			
ltr	ecn	no	dr	date		tolerances unless otherwise specified			title			
AG						angles	XX±0.1/XX±0.3	CONAN® CONNECTOR ASSEMBLY				
						linear	XXX±0.005/XXX±0.13			INCH/MM		
						0°±2°	XXXX±0.020/XXXX±0.051			scale 5:1		
				dr	R.SIEPLE 11/13/91			dwg no		sheet 3 of 7		size
				engr	D.HORCHLER 01/10/92			91900				A3
				chr	D.HORCHLER 01/10/92							
				appd	D.HORCHLER 01/10/92							
sheet index	revision sheet							type		Product	Customer	Drawing

PRODUCT NUMBER
SEE TABLE



mat'l. code				surface		tolerance		projection	product family
ltr	ecn no	dr	date	ISO 1302		ISO 406	ISO 1101		
AG						XX±01/XX±03			
						XX±005/XX±013			
						0°±2°			
								INCH/MM	
								scale 5:1	
				dr	R.SEIPLE	11/13/91			
				engr	D.HORCHLER	01/10/92			
				chr	D.HORCHLER	01/10/92			
				appd	D.HORCHLER	01/10/92			
sheet index		revision sheet							

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dwg no sheet 4 of 7 size
91900 A3

type Product Customer Drawing

PRODUCT NUMBER	POS	DIM "A"	DIM "C"	DIM "D"	DIM "E"
919TC-WXY09					
↑ -WXY09LF	9	.366 [9.30]	.157 [4.00]	.118 [3.00]	.1990 [5.055]
-WXY11					
↑ -WXY11LF	11	.406 [10.30]	.197 [5.00]	.157 [4.00]	.2380 [6.045]
-WXY15					
↑ -WXY15LF	15	.484 [12.30]	.276 [7.00]	.236 [6.00]	.3170 [8.052]
-WXY21					
↑ -WXY21LF	21	.602 [15.30]	.394 [10.00]	.354 [9.00]	.4350 [11.049]
-WXY25					
↑ -WXY25LF	25	.681 [17.30]	.472 [12.00]	.433 [11.00]	.5140 [13.056]
-WXY31					
↑ -WXY31LF	31	.800 [20.30]	.591 [15.00]	.551 [14.00]	.6320 [16.053]
-WXY41					
↑ -WXY41LF	41	.996 [25.30]	.787 [20.00]	.748 [19.00]	.8290 [21.057]
-WXY51					
↑ -WXY51LF	51	1.193 [30.30]	.984 [25.00]	.945 [24.00]	1.0260 [26.060]
-WXY69					
↓ -WXY69LF	69	1.547 [39.30]	1.339 [34.00]	1.299 [33.00]	1.3800 [35.052]

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 91921-3XYZ AND 91931-3XYZ 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
ltr	ecn no	dr	date	ISO 1302		ISO 406	ISO 1101		
AG				tolerances unless otherwise specified		XX±01/XX03			
				angles	linear	XX±005/XX±013			
					0°±2°	XX±0020/XX±0051			
				dr	R.SEIPLE	11/13/91			
				engr	D.HORCHLER	01/10/92			
				chr	D.HORCHLER	01/10/92			
				appd	D.HORCHLER	01/10/92			
sheet index		revision sheet							

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CONAN® CONNECTOR ASSEMBLY

dwg no sheet 6 of 7 size
91900 A3

type Product Customer Drawing

PRODUCT NUMBER	
SEE TABLE	

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
1	.034 [.86]	.129 [3.28]	.163 [4.15]
2	.048 [1.23]		.177 [4.50]
3	.068 [1.73]		.197 [5.00]
4	.107 [2.72]		.236 [6.00]
5	.1465 [3.721]		.276 [7.00]
*	.088 [2.23]		.216 [5.50]
**	.1665 [4.229]		.296 [7.52]

SEE Y=1
FOR ALL
RECEPTACLES

X	PLATING
1	15u"/.38u GXT™
2	30u"/.76u GXT™

* NOTE 8
** NOTE 9

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		tolerance		projection	product family
ltr	ecn no	dr	date	ISO 1302		ISO 406	ISO 1101		
AG				tolerances unless otherwise specified					
				angles		XX±01/XX±03			
				linear		XX±005/XX±013			
				0°±2°		XXXX±0020/XXXX±0051			
					dr	R.SEIPLE	11/13/91		
					engr	D.HORCHLER	01/10/92		
					chr	D.HORCHLER	01/10/92		
					appd	D.HORCHLER	01/10/92		
				sheet	revision				
				index	sheet				

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title CONAN® CONNECTOR ASSEMBLY

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type Product Customer Drawing

status Released

Printed: Sep 13, 2013