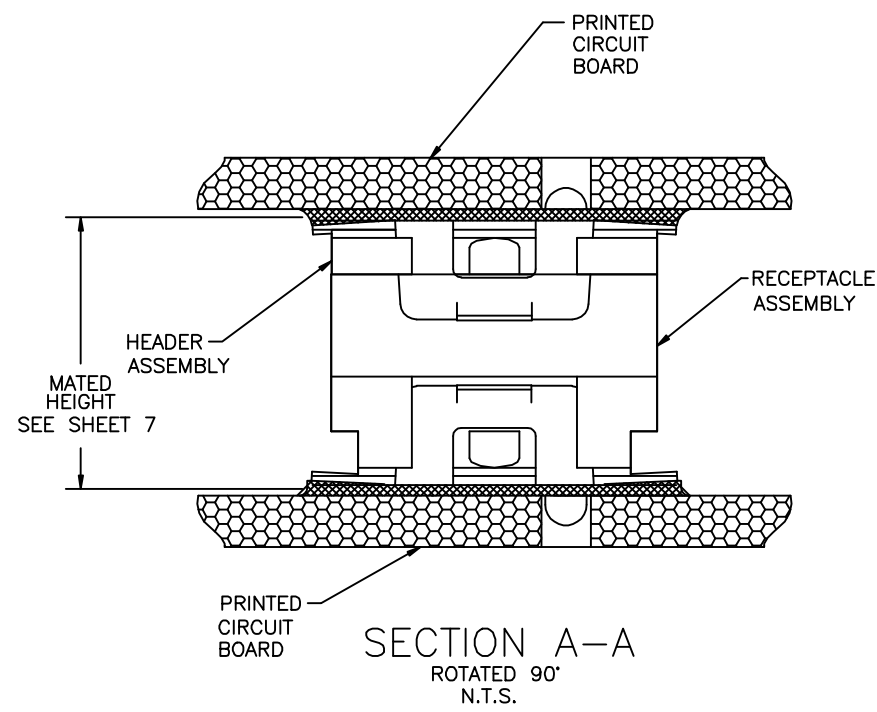
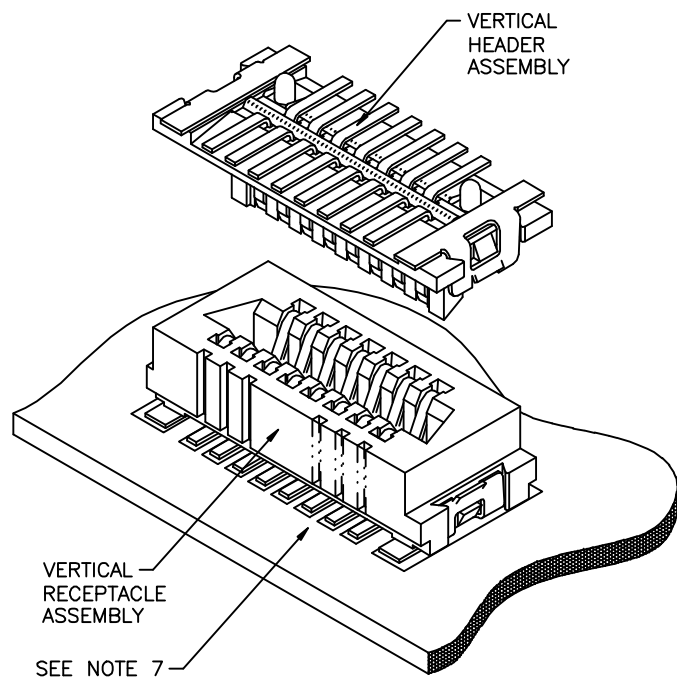


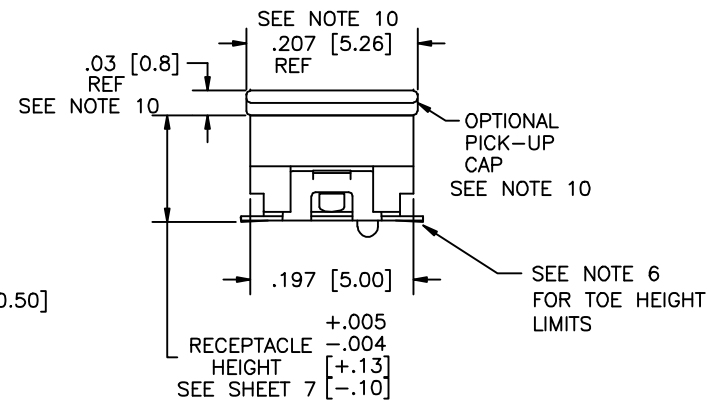
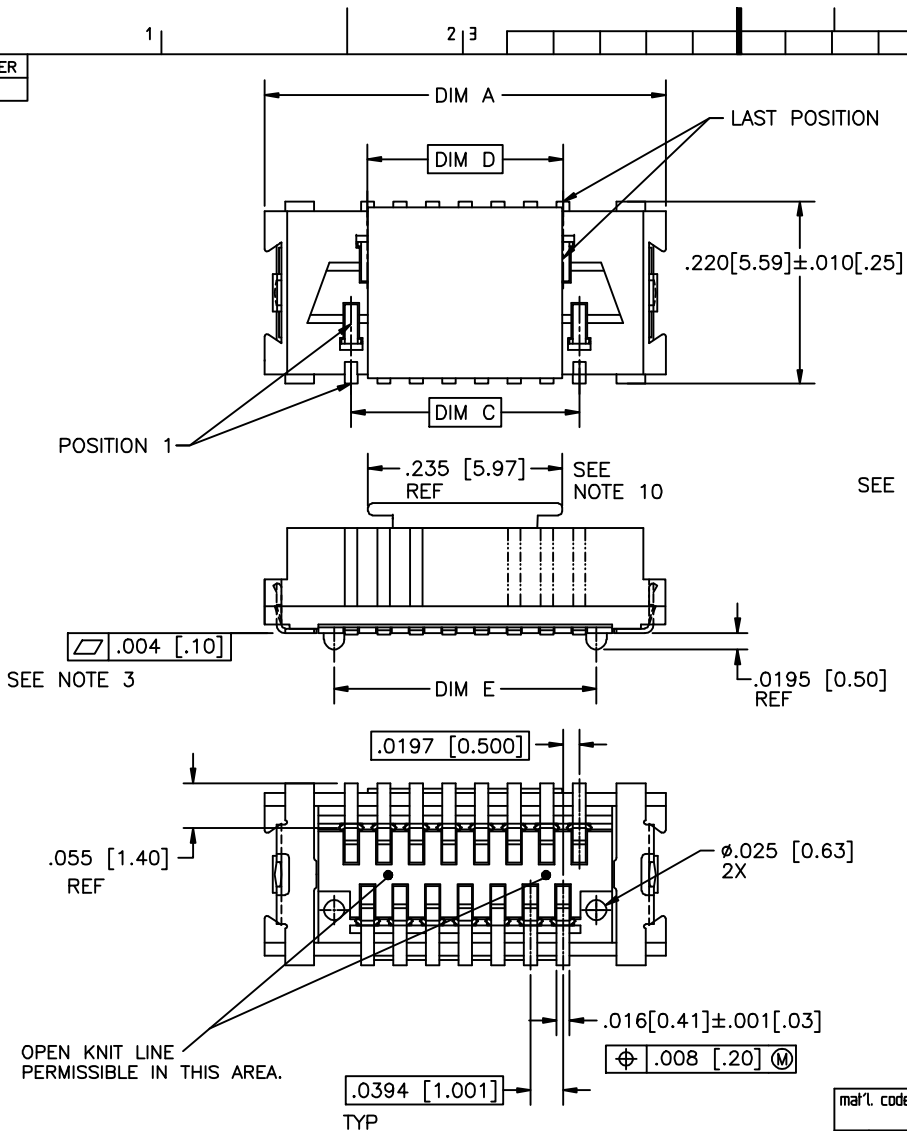


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PRODUCT NUMBER
SEE TABLE



mat'l. code				surface ISO 1902	tolerance ISO 406 ISO 1101	projection	product family CONAN
ltr	ecn no	dr	date	tolerances unless otherwise specified		 INCH/MM scale 5:1	title
Y	V03-1347	AA	12/20/01	angles	XXX.01/XX0.3		CONAN™ CONNECTOR ASSEMBLY
AA	M04-0190	MHT	9/24/04	linear	XXX0.005/XXX0.13		
AB	M05-0110	MHT	5/26/05	0°±2°	XXX0.0020/XXX0.05		dwg no
AC	M06-0232	AGS	06/12/08	dr	R.SEIPLE	11/13/91	sheet 1 of 7
AD	M06-0373	MHT	9/26/06	engr	D.HORCHLER	01/10/92	size
AE	M08-0012	AGS	1/11/08	chr	D.HORCHLER	01/10/92	A3
AF	M08-0287	MHT	10/02/08	appd	D.HORCHLER	01/10/92	type
sheet	revision	AF	AF	AF	AF	AF	Product Customer Drawing
index	sheet	1	2	3	4	5	

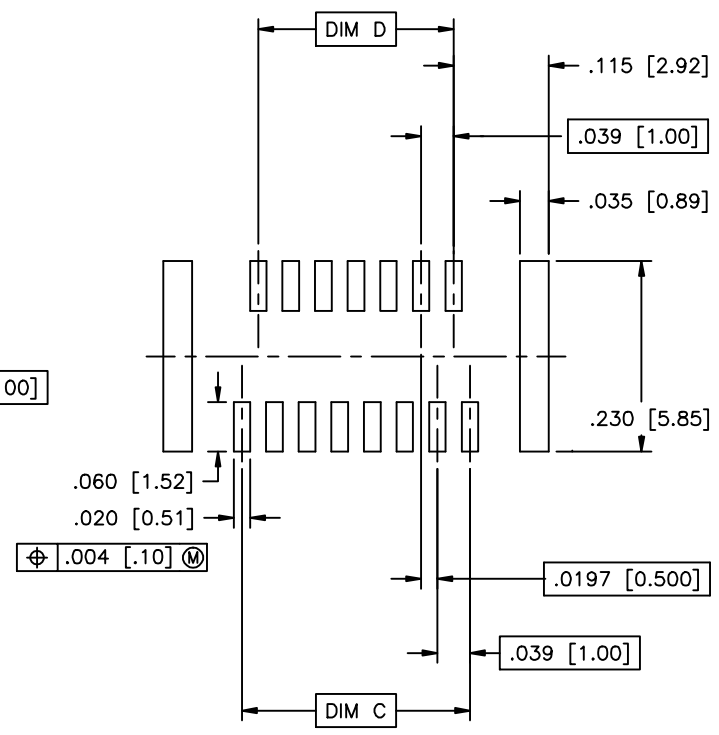
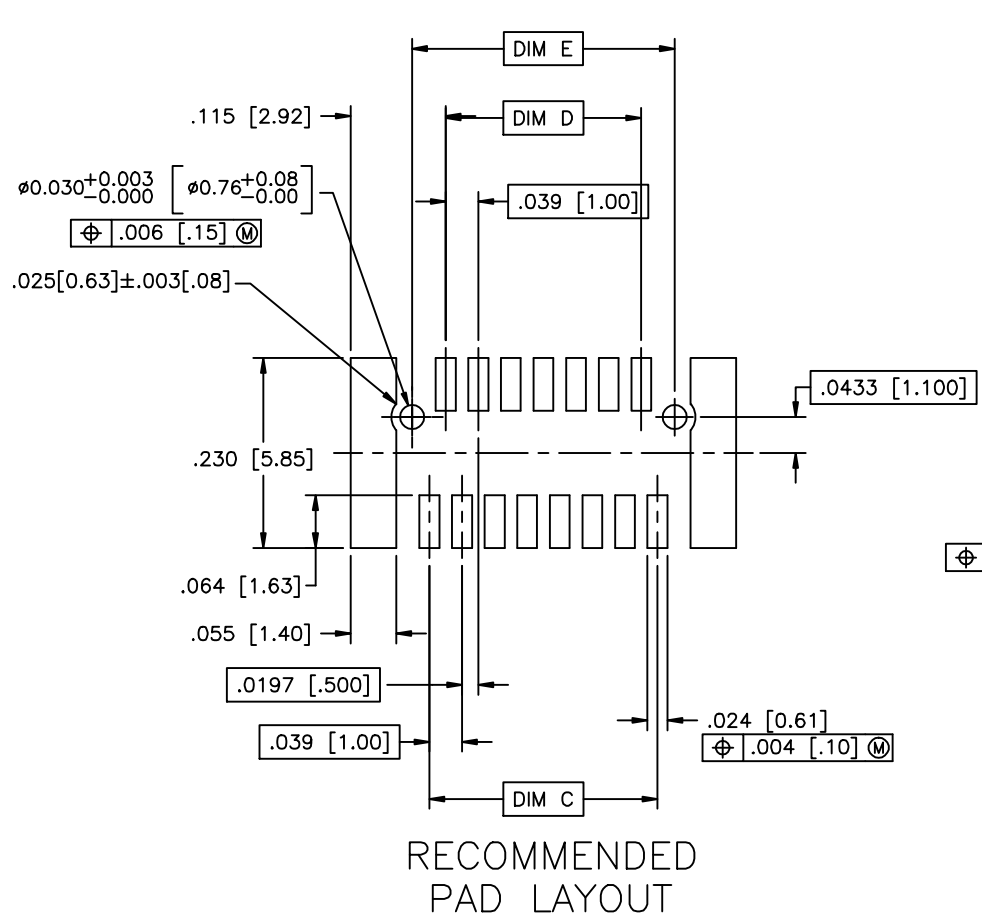


mat'l. code	surface ISO 1902	tolerance ISO 406 ISO 1101	projection ISO 1001	product family CONAN
ltr AF	ecp no	dr	date	title CONAN™ CONNECTOR ASSEMBLY
				dwg no 91900
				sheet 2 of 7 size A3
				type Product Customer Drawing
sheet index	revision sheet			



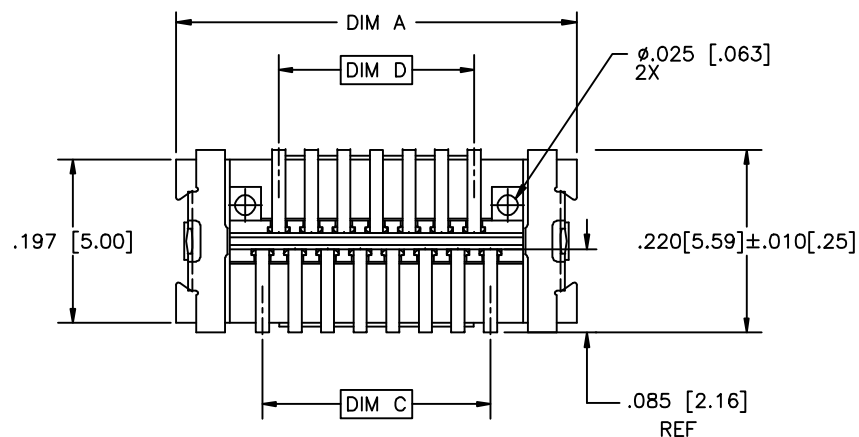
Copyright FCI

PRODUCT NUMBER
SEE TABLE

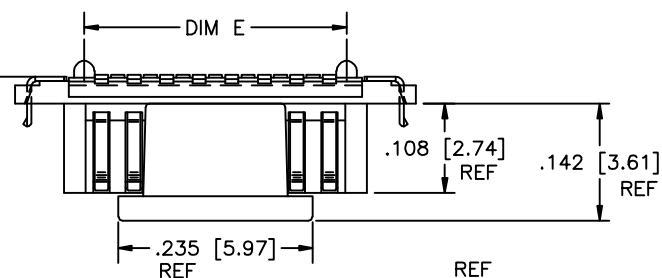


mat'l. code				surface ISO 1902		☒ tolerance ISO 406 ISO 1101		projection 		product family CONAN			
ltr	ecp no	dr	date	tolerances unless otherwise specified						title			
AF				angles	linear	XXX.01/XXX.03			INCH/MM 	CONAN™ CONNECTOR ASSEMBLY			
						XXX.005/XXX.013							
						XXX.002/XXX.005							
				0°±2°					scale 5:1				
				dr	R.SEIPLE		11/13/91			dwg no			
				engr	D.HORCHLER		01/10/92			sheet 3 of 7 size			
				chr	D.HORCHLER		01/10/92			91900			
				appd	D.HORCHLER		01/10/92			A3			
sheet index		revision sheet								type		Product Customer Drawing	

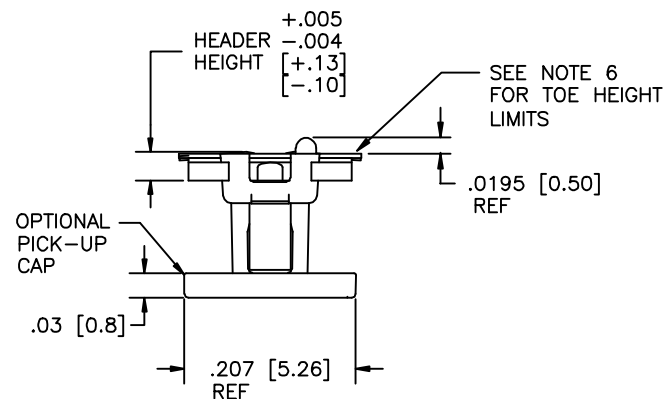
PRODUCT NUMBER
SEE TABLE



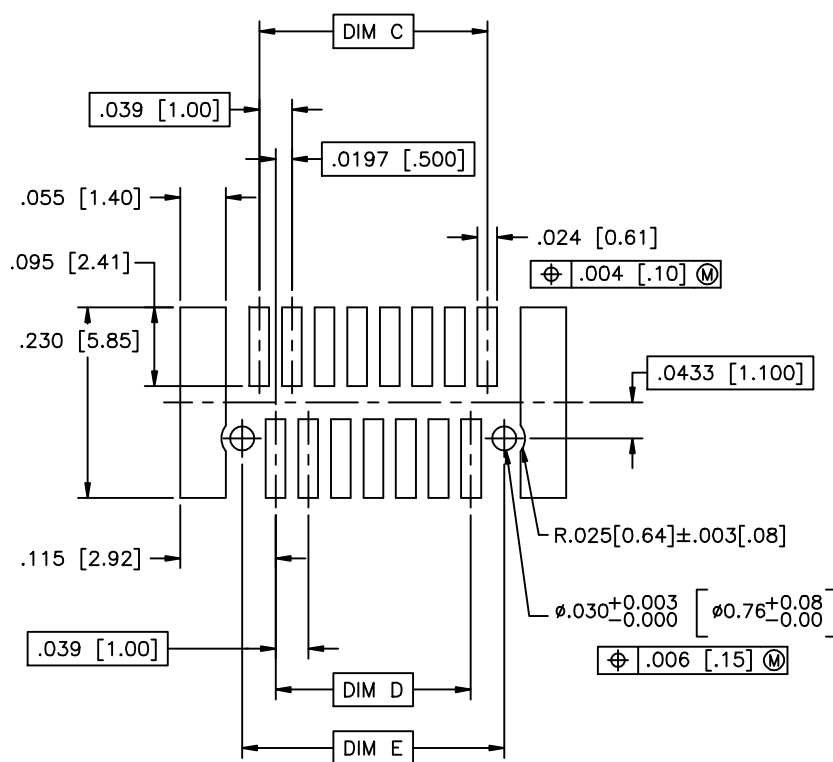
□ .004 [.10]
SEE NOTE 3



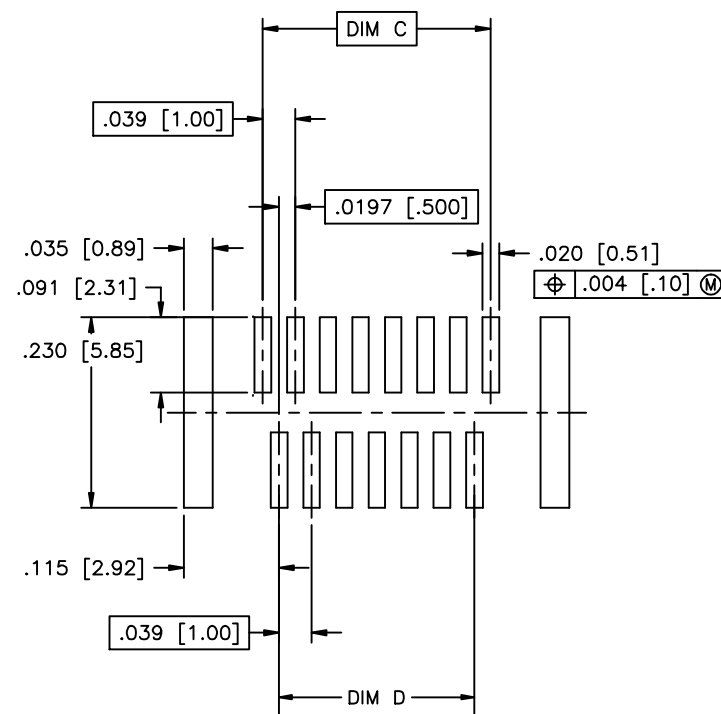
.016 [0.41] ± .001 [.03]
⊕ .008 [.20] (M)
.0394 [1.001]



mat'l. code	surface ISO 1902	tolerance ISO 406 ISO 1101	projection ISO 1001	product family CONAN
ltr	ecp no	dr	date	title CONAN™ CONNECTOR ASSEMBLY
AF				dwg no 91900
				sheet 4 of 7 size A3
				type Product Customer Drawing
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			



RECOMMENDED PAD LAYOUT



RECOMMENDED
STENCIL LAYOUT
FOR HEADER

[illegible]

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
- ⑫ 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 1902 ✓ ISO 406 ISO 1101		projection INCH/MM		product family CONAN		
ltr	ec'n no	dr	date	tolerances unless otherwise specified		INCH/MM		title CONAN™ CONNECTOR ASSEMBLY		
AF				angles	linear	scale 5:1		dwg no 91900		
				0'±2'				sheet 6 of 7 size A3		
				dr	R.SEIPLE	11/13/91			type Product Customer Drawing	
				engr	D.HORCHLER	01/10/92				
				chr	D.HORCHLER	01/10/92				
				appd	D.HORCHLER	01/10/92				
sheet	revision									
index	sheet									

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 1902	tolerance ISO 406 ISO 1101	projection INCH/MM	product family CONAN
ltr AF	ec'n no	dr	date	title CONAN™ CONNECTOR ASSEMBLY
		angles	linear	scale 5:1
		0'±2'		dwg no 91900
		dr	R. SEIPLE 11/13/91	sheet 7 of 7 size A3
		engr	D. HORCHLER 01/10/92	
		chr	D. HORCHLER 01/10/92	
		appd	D. HORCHLER 01/10/92	
sheet index	revision sheet			type Product Customer Drawing