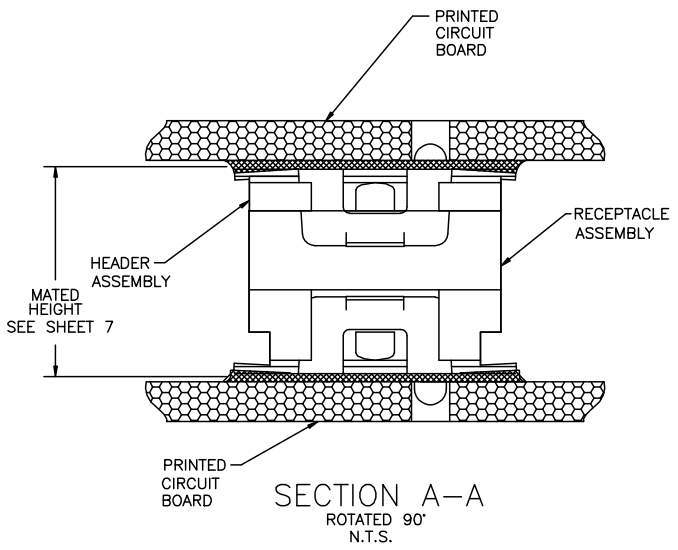


PRODUCT NUMBER  
SEE TABLE



mal'l. code		surface	tolerance	projection	product family
		ISO 1902	ISO 1436 ISO 1101		CONAN
lfr	ecr no	dr	date	title	
Y	W03-1347	AA	12/20/01	CONAN™ CONNECTOR ASSEMBLY	
AA	W04-0190	MHT	9/24/04	INCH/MM	
AB	M05-0110	MHT	5/26/05	scale 5:1	
AC	M06-0232	AGS	06/12/08	dwg no	
AD	M06-0373	MHT	9/26/06	sheet 1 of 7	
AE	M08-0012	AGS	1/11/08	size	
AF	M08-0287	MHT	10/02/08	A3	
sheet	revision	AF	AF	type	
index	sheet	1	2	Product Customer Drawing	

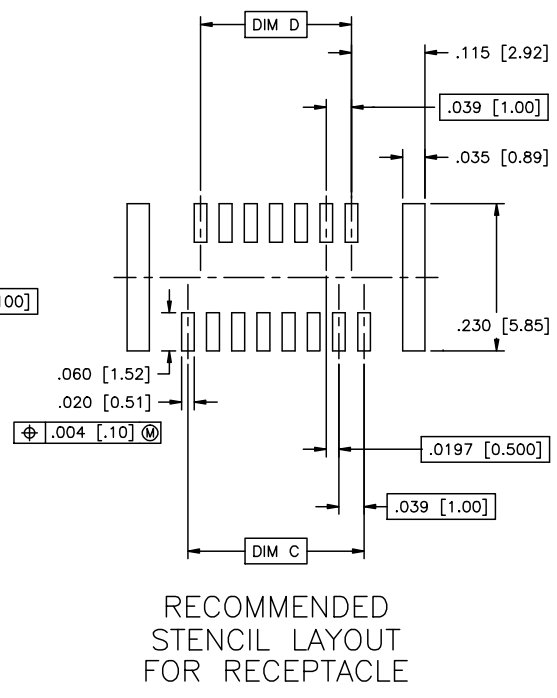
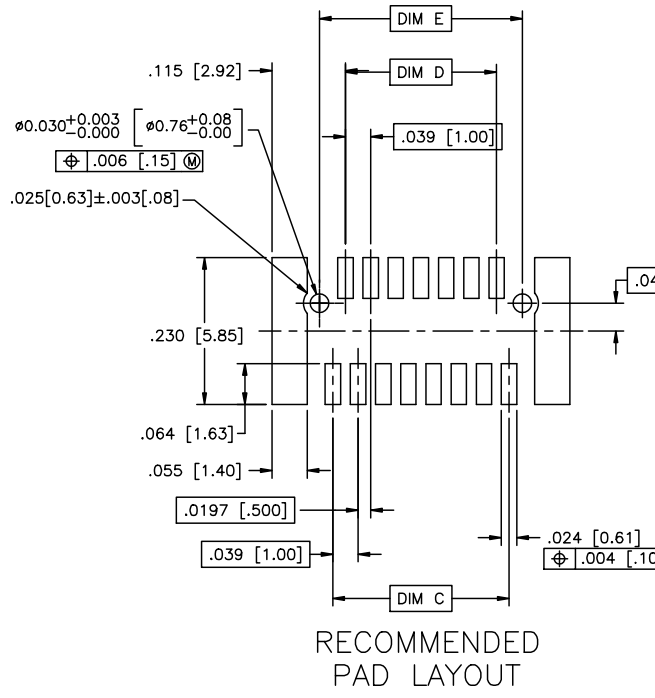


mal'l. code		surface	tolerance	projection	product family
ISO 902		ISO 406	ISO 1001	ISO 1001	CONAN
Intolerances unless otherwise specified					
ltr	ecn no	dr	date	angles	linear
AF				0°±2'	XX±.01/XX±0.3 XXX±.005/XXX±0.13 XXXX±.000/XXXX±0.05
				INCH/MM	scale 5:1
sheet index					revision sheet
title					CONAN™ CONNECTOR ASSEMBLY
dwg no					91900
sheet					2 of 7
size					A3
type					Product Customer Drawing

PDM: Rev:AF STATUS:Released Printed: Oct 12, 2010



PRODUCT NUMBER  
SEE TABLE



mal't. code		surface		tolerance		projection		product family	
ISO 1902		ISO 1902		ISO 1902		ISO 1902		CONAN	
Intolerance unless otherwise specified		linear		linear		INCH/MM		title	
AF		.001±.000		.001±.000		5:1		CONAN™ CONNECTOR ASSEMBLY	
sheet		revision		sheet		size		type	
Index		sheet		3 of 7		A3		Product Customer Drawing	

PRODUCT NUMBER  
SEE TABLE



mal'l. code		surface		tolerance		projection		product family	
ISO 1902		ISO 1436		ISO 1001		INCH/MM		CONAN	
itr		ecn no		date		tolerances unless otherwise specified		title	
AF						XX±.01/XX±.03		CONAN™ CONNECTOR ASSEMBLY	
						XX±.005/XX±.013		dwg no	
						XX±.000/XX±.005		91900	
						scale 5:1		sheet 4 of 7	
						FCJ		size A3	
sheet		revision		date		type		Product Customer Drawing	
index		sheet							



RECOMMENDED PAD LAYOUT

RECOMMENDED STENCIL LAYOUT FOR HEADER

mal't. code		surface		tolerance		projection		product family	
ISO 1902		ISO 1436		ISO 1001		1st angle		CONAN	
ecn no		dr		date		INCH/MM		title	
AF						5:1		CONAN™ CONNECTOR ASSEMBLY	
angles		linear		XX±.01/XX±.03		scale		dwg no	
0°±2'		XXX±.005/XXX±.013		XXX±.000/XXX±.006		5:1		91900	
dr		engr		chr		appd		sheet 5 of 7	
R.SEIPLE 11/13/91		D.HORCHLER 01/10/92		D.HORCHLER 01/10/92		D.HORCHLER 01/10/92		size A3	
sheet		revision		sheet		type		Product Customer Drawing	
index									

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	11	.406 [10.30]	.197 [5.00]	.157 [4.00]	.2380 [6.045]
-WXY15	15	.484 [12.30]	.276 [7.00]	.236 [6.00]	.3170 [8.052]
-WXY21	21	.602 [15.30]	.394 [10.00]	.354 [9.00]	.4350 [11.049]
-WXY25	25	.681 [17.30]	.472 [12.00]	.433 [11.00]	.5140 [13.056]
-WXY31	31	.800 [20.30]	.591 [15.00]	.551 [14.00]	.6320 [16.053]
-WXY41	41	.996 [25.30]	.787 [20.00]	.748 [19.00]	.8290 [21.057]
-WXY51	51	1.193 [30.30]	.984 [25.00]	.945 [24.00]	1.0260 [26.060]
-WXY69	69	1.547 [39.30]	1.339 [34.00]	1.299 [33.00]	1.3800 [35.052]
↓ -WXY69LF					

NOTES:

- 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.
- REFERENCE GS-12-006 FOR PRODUCT PERFORMANCE DATA.
- SEE TA-774 FOR FURTHER DESCRIPTION OF HOW THIS DIMENSION IS APPLIED.
- 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.
- RECOMMENDED SOLDER PASTE THICKNESS IS .006 TO .008 INCHES THICK.
- 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.
- THREE SLOTS MAY BE LOCATED AT EITHER END OF HOUSING.
- 5.50mm MATED HEIGHT IS ONLY AVAILABLE IN 9, 15 AND 31 POS.
- 7.50mm MATED HEIGHT IS ONLY AVAILABLE IN 9 POS.
- APPLIES TO 91921-3XYZZ AND 91931-3XYZZ OPTIONS ONLY.
- 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.
- PRODUCT WITH "LF" AT THE END MEETS EUROPEAN UNION DIRECTIVES AND OTHER COUNTRY REGULATION AS DESCRIBED IN GS-22-008.

mal'l. code	surface ISO 1902	tolerance ISO 406 ISO 1001	projection	product family CONAN
lfr	ecn no	dr	date	tolerances unless otherwise specified
AF				angles linear XXX±.01/XXX±.03 XXX±.005/XXX±.013 0'±2' XXX±.000/XXX±.005
				INCH/MM
				scale 5:1
				title CONAN™ CONNECTOR ASSEMBLY
				dwg no 91900
				sheet 6 of 7
				size A3
				type Product Customer Drawing
sheet index	revision 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	+0.010 -0.008 [+.25] [-.20]
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]	
6	.088 [2.23]		.216 [5.50]	
7	.1665 [4.229]		.296 [7.52]	

SEE Y=1  
FOR ALL  
RECEPTACLES

\* 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.

mal'l. code	surface ISO 902	tolerance ISO 406 ISO 1001	projection	product family CONAN
lfr	ecn no	dr	date	title CONAN™ CONNECTOR ASSEMBLY
AF				dwg no 91900
	angles	linear	INCH/MM	sheet 7 of 7
	0'±2'	XXX±.01/XXX±.03 XXX±.005/XXX±.013 XXX±.002/XXX±.005	scale 5:1	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 index	revision sheet			