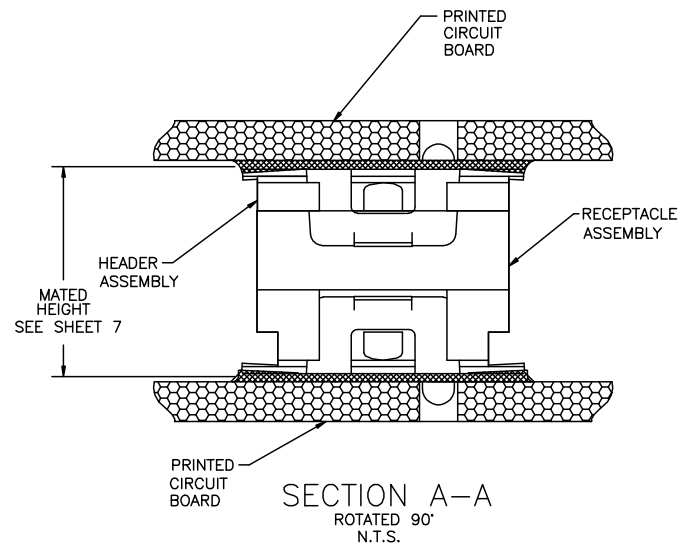


PRODUCT NUMBER  
SEE TABLE



mal'l. code		surface	tolerance	projection	product family
		ISO 1902	ISO 1436 ISO 1101		CONAN
lfr	ecn 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	06/12/06	dr	R.SEIPLE 11/13/91
AD	M06-0373	MHT	9/26/06	eng	D.HORCHLER 01/10/92
AE	M08-0012	AGS	1/11/08	chr	D.HORCHLER 01/10/92
AF	M08-0287	MHT	10/02/08	appd	D.HORCHLER 01/10/92
sheet	revision	AF	AF	AF	AF
index	sheet	1	2	3	4
					5
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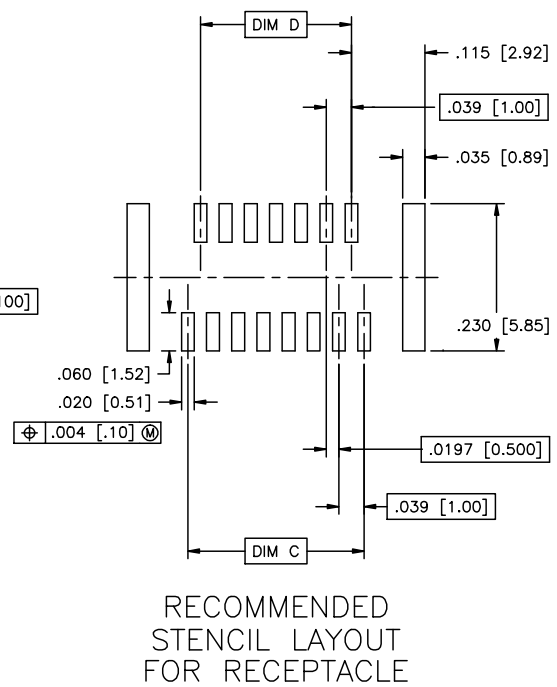
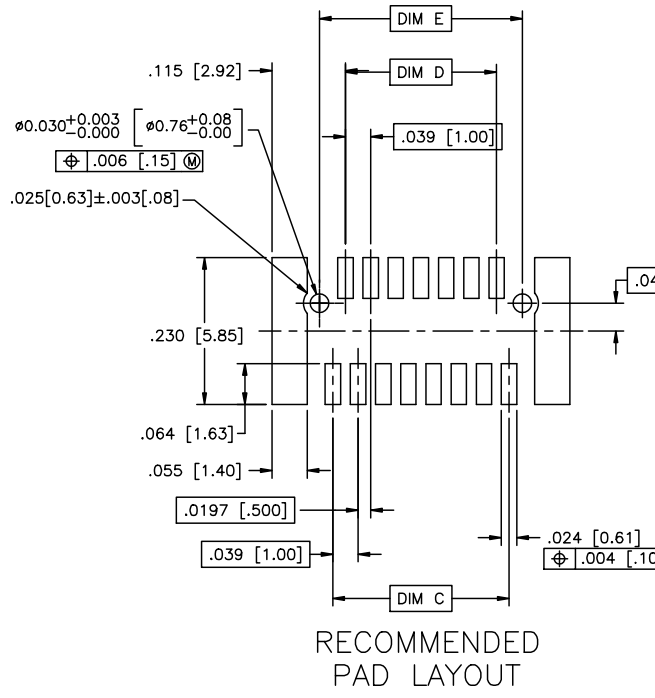


mal'l. code		surface	tolerance	projection	product family
ISO 1902		ISO 406	ISO 1001	ISO 1001	CONAN
Intolerances unless otherwise specified		linear		INCH/MM	title
angles		XX±.01/XX±.03		5:1	CONAN™ CONNECTOR ASSEMBLY
0°±2'		XXX±.005/XXX±.013		scale	dwg no
		XXXX±.000/XXXX±.050		5:1	91900
dr	R. SEIPLE	11/13/91	FCJ		sheet 2 of 7
engr	D. HORCHLER	01/10/92			size
chr	D. HORCHLER	01/10/92			A3
appd	D. HORCHLER	01/10/92			type
sheet index		revision sheet			Product Customer Drawing

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



PRODUCT NUMBER  
SEE TABLE



mal't. code		surface	tolerance	projection	product family
itr		ISO 1902	ISO 1436 ISO 1001	ISO 1001	CONAN
ecm no		Intolerances unless otherwise specified			title
dr		angles	linear	INCH/MM	CONAN™ CONNECTOR ASSEMBLY
date		0°±2'	XXX.X/XXX.X	scale 5:1	dwg no
		dr	R.SEIPLE 11/13/91		sheet 3 of 7
		eng	D.HORCHLER 01/10/92		size
		chr	D.HORCHLER 01/10/92		A3
		app	D.HORCHLER 01/10/92		type
sheet	revision				
index	sheet				

PRODUCT NUMBER  
SEE TABLE



mal'l. code		surface	tolerance	projection	product family
ISO 1902		ISO 148	ISO 1001		CONAN
Intolerances unless otherwise specified		linear		INCH/MM	title
angles		XX±.01/XX±0.3		scale 5:1	CONAN™ CONNECTOR ASSEMBLY
0°±2'		XXX±.005/XXX±0.13			dwg no
		XXXX±.000/XXXX±0.05			91900
					sheet 4 of 7
					size A3
					type Product Customer Drawing
sheet	revision	dr	eng	chr	appd
index	sheet	R. SEIPLE	D. HORCHLER	D. HORCHLER	D. HORCHLER
		11/13/91	01/10/92	01/10/92	01/10/92



PRODUCT NUMBER  
SEE TABLE



Copyright FCI

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

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	tolerance	projection	product family
	ISO 1902	ISO 406		CONAN
itr	ecn no	dt	date	title
AF				CONAN™ CONNECTOR ASSEMBLY
	angles	linear	INCH/MM	dwg no
	0°±2'	XXX±.01/XXX±.03	5:1	91900
	dt	eng	chr	appd
	R.SEIPLE	D.HORCHLER	D.HORCHLER	D.HORCHLER
	11/13/91	01/10/92	01/10/92	01/10/92
sheet	revision			
index	sheet			
				sheet 6 of 7
				size A3
				type Product Customer Drawing

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	
	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