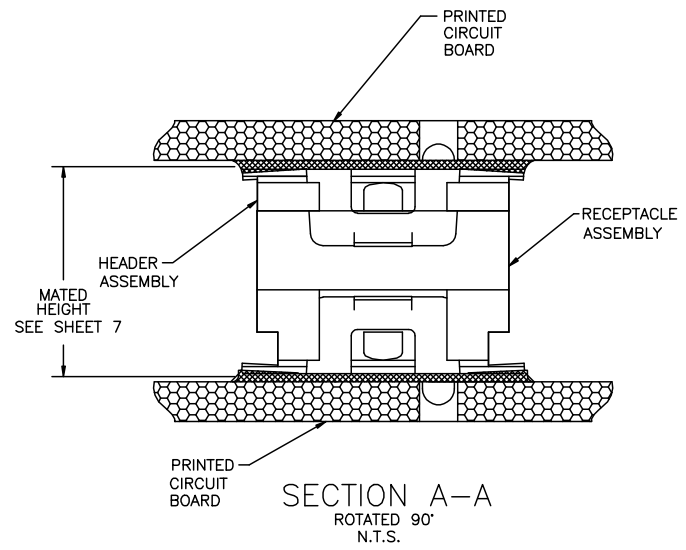
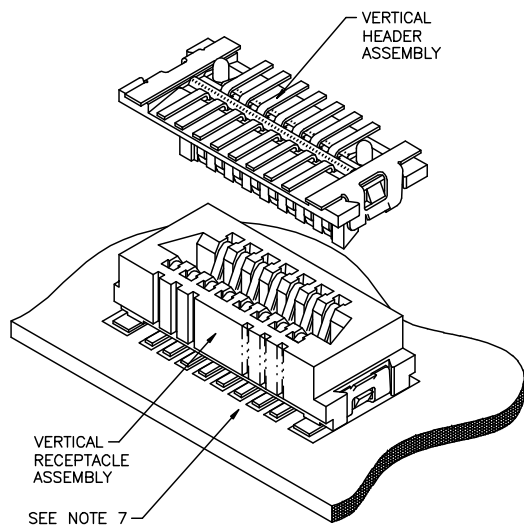


PRODUCT NUMBER
SEE TABLE



mal'l. code		surface	tolerance	projection	product family
		ISO 1902	ISO 1436 ISO 1101		CONAN
itr		tolerances unless otherwise specified		title	
ecn no	dr	date	angles	linear	INCH/MM
Y V03-1347	AA	12/20/01	XXXL01/XXXL03		CONAN™ CONNECTOR ASSEMBLY
AA M04-0190	MHT	9/24/04	XXXL05/XXXL13		
AB M05-0110	MHT	5/26/05	0'±2'	scale 5:1	
AC M06-0232	AGS	06/12/08	dr	R.SEIPLE	11/13/91
AD M06-0373	MHT	9/26/06	engr	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
					6
					7

product family
CONAN

title
CONAN™ CONNECTOR ASSEMBLY

dwg no
91900

sheet 1 of 7

size
A3

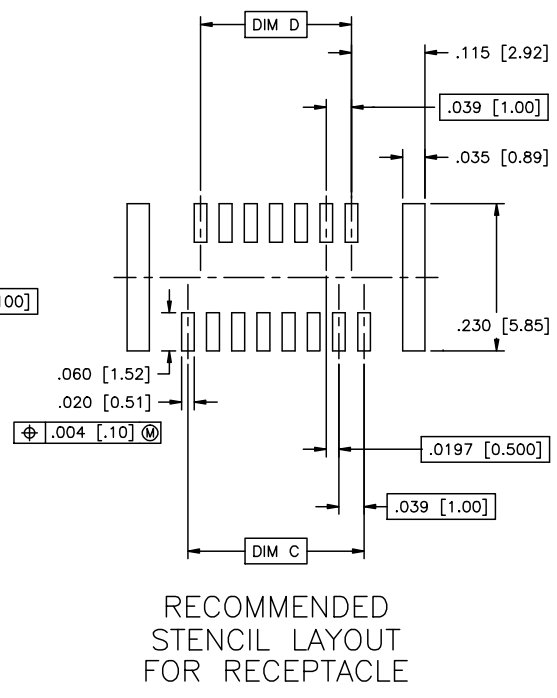
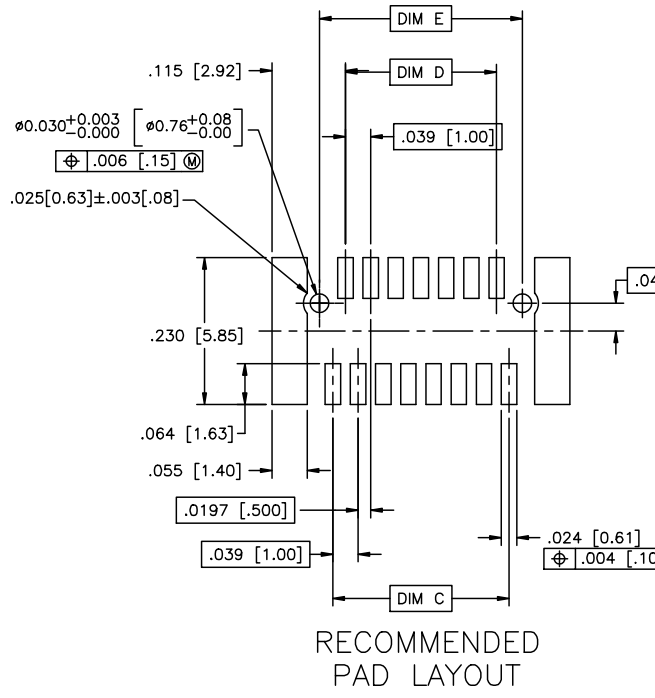
type
Product Customer Drawing



mal'l. code		surface	tolerance	projection	product family
ISO 1902		ISO 406	ISO 1001	CONAN	CONAN
Intolerances unless otherwise specified		INCH/MM		title	
ltf	ecn no	dr	date	CONAN™ CONNECTOR ASSEMBLY	
AF				dwg no	sheet 2 of 7 size
angles	linear	.0010/.0103		91900	A3
0° ± 2°		.0001005/.001013		type Product Customer Drawing	
		.0001000/.001006		scale 5:1	
dr	R. SEIPLE	11/13/91		FCJ	
engr	D. HORCHLER	01/10/92			
chr	D. HORCHLER	01/10/92			
appd	D. HORCHLER	01/10/92			
sheet index	revision sheet				



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/.005		.001/.005		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		ISO 1902	tolerance	ISO 1436	ISO 1101	projection	product family
lit	ecm no	dr	date	tolerances unless otherwise specified				INCH/MM	CONAN
AF				angles	linear	XXX.01/XXX.03	scale 5:1		
				0'±2'		XXX±.005/XXX±0.13		CONAN™ CONNECTOR ASSEMBLY	
		dr	R. SEIPLE	11/13/91		XXX±.000/XXX±0.05		dwg no	sheet 4 of 7
		eng	D.HORCHLER	01/10/92				91900	A3
		chr	D.HORCHLER	01/10/92				type	Product Customer Drawing
		appd	D.HORCHLER	01/10/92					
sheet index	revision sheet								



Copyright FCI

mal't. code		surface		tolerance		projection		product family	
ISO 1902		ISO 1496		ISO 1001		ASME Y14.5		CONAN	
ecn no		dr		date		INCH/MM		title	
AF						5:1		CONAN™ CONNECTOR ASSEMBLY	
angles		linear		XX±.01/XX±0.3		scale		dwg no	
0°±2'		XXX±.005/XXX±0.13		XXX±.005/XXX±0.13		5:1		91900	
dr		engr		chr		app		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		tolerance	projection	product family							
		ISO 1902		ISO 406		CONAN							
		tolerances unless otherwise specified		ISO 1001		title							
lfr	ecn no	dr	date	angles	linear	CONAN™ CONNECTOR ASSEMBLY							
AF				0°±2'	XXL01/XXL03 XXXL005/XXXL13 XXXXL000/XXXXL05	INCH/MM							
		dr	R.SEIPLE	11/13/91	scale		5:1						
		eng	D.HORCHLER	01/10/92			dwg no	91900	sheet	6 of 7	size	A3	
		chr	D.HORCHLER	01/10/92			type		Product Customer Drawing				
		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	+0.10 -0.08 [+.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	ecr no	dr	date	tolerances unless otherwise specified		INCH/MM		title CONAN™ CONNECTOR ASSEMBLY	
AF				angles	linear	XX±.01/XX±0.3 XXX±.005/XXX±0.13 XXXX±.002/XXXX±0.05		dwg no 91900	
				0'±2'		scale 5:1		sheet 7 of 7 size A3	
		dr	R.SEIPLE 11/13/91			FCJ		type Product Customer Drawing	
		eng	D.HORCHLER 01/10/92						
		chr	D.HORCHLER 01/10/92						
		appd	D.HORCHLER 01/10/92						
sheet index	revision sheet								

PDM: Rev:AF

STATUS:Released

Printed: Oct 12, 2010