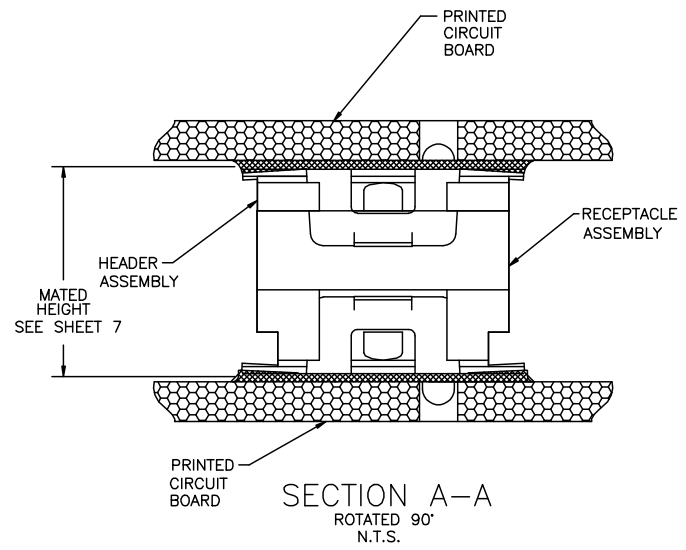
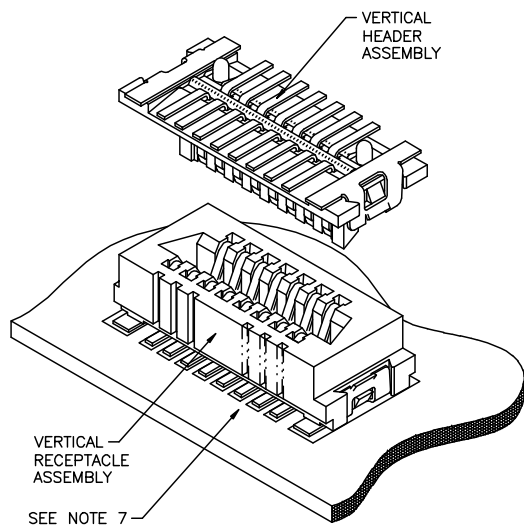


PRODUCT NUMBER
SEE TABLE



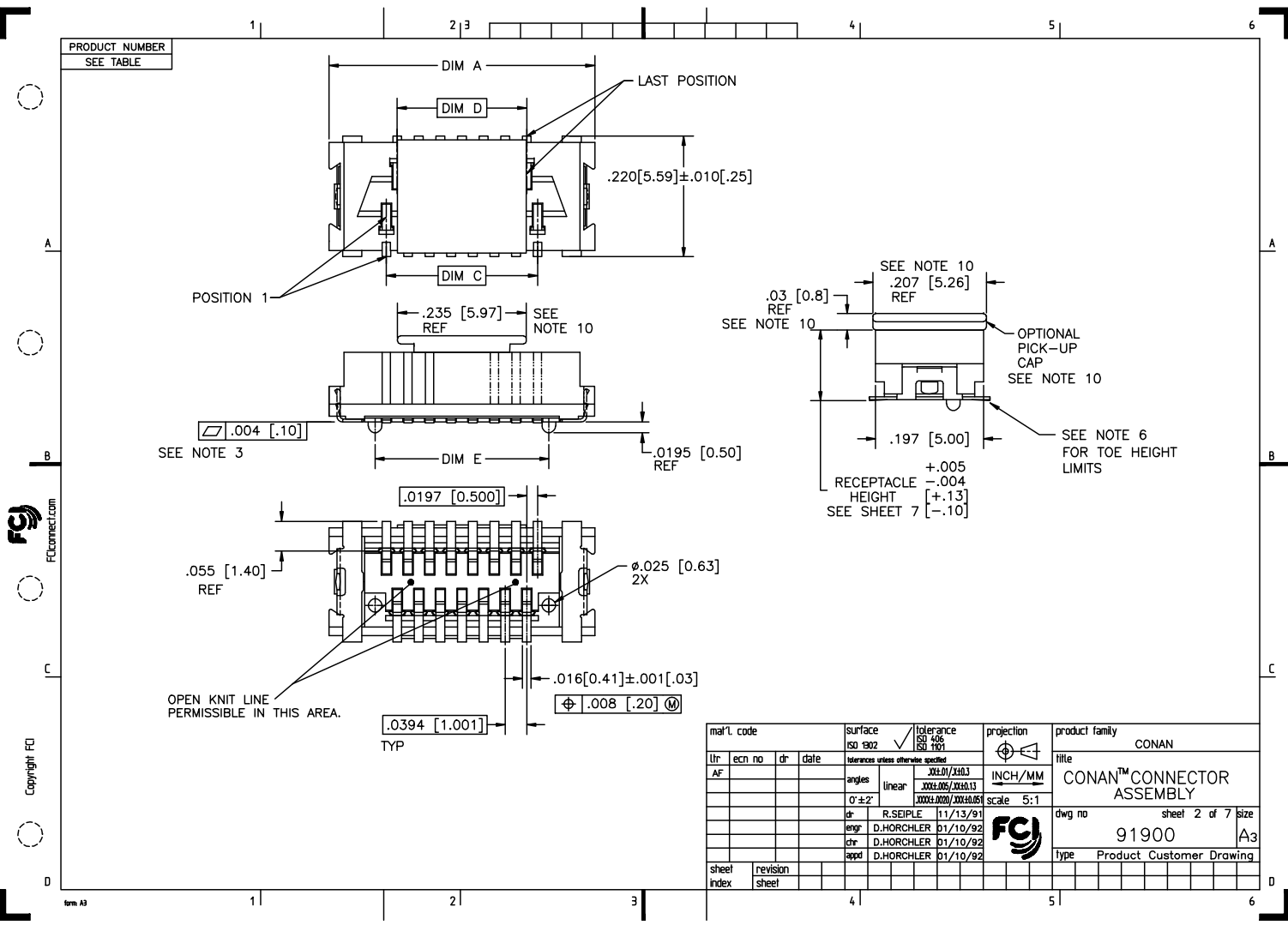
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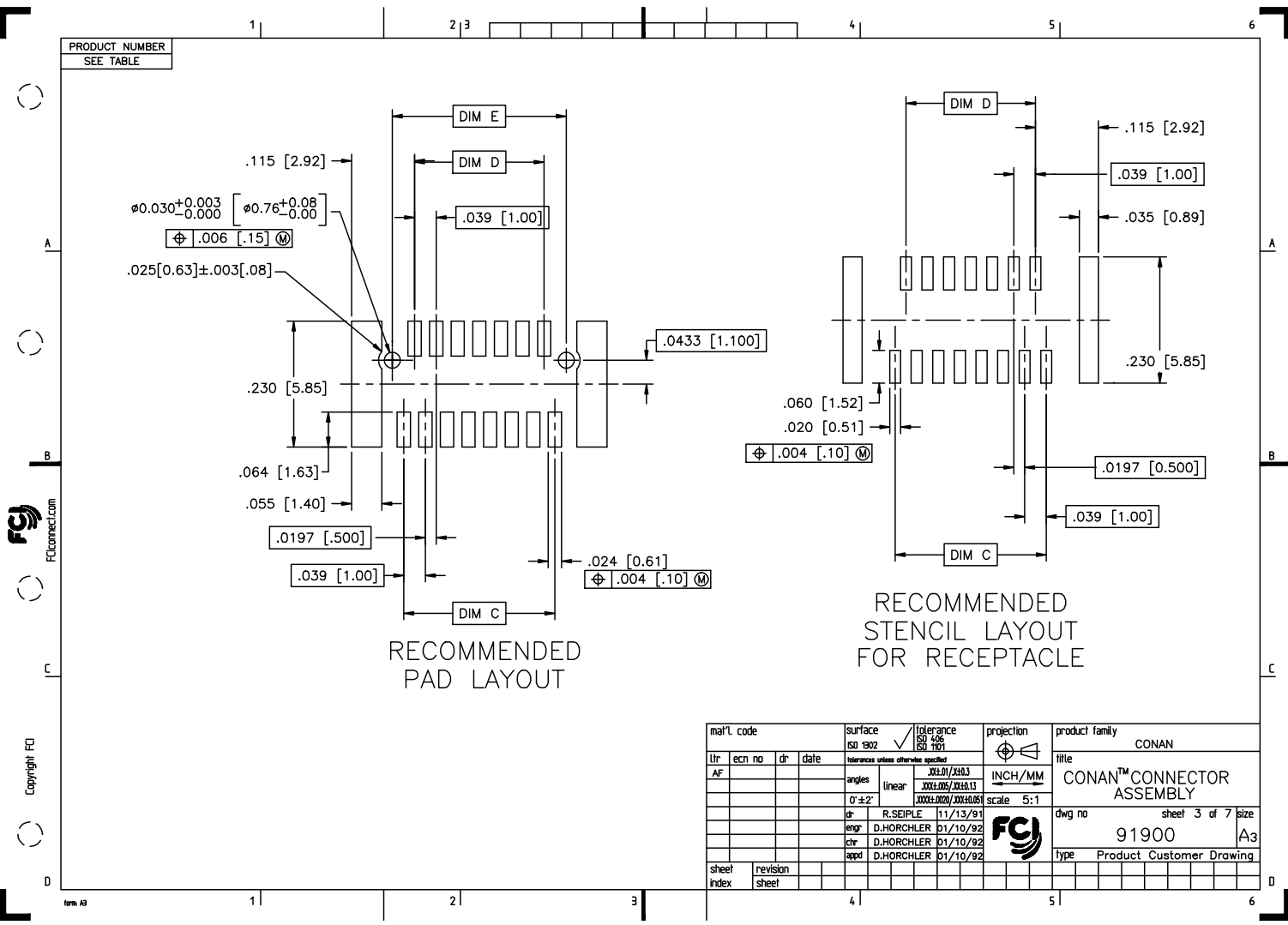
mal'l. code		surface		tolerance		projection		product family	
		ISO 1902		ISO 406 ISO 1001				CONAN	
itr		ecn no		date		tolerances unless otherwise specified		title	
Y		V03-1347		AA 12/20/01		angles linear		INCH/MM	
AA		M04-0190		MHT 9/24/04		$\frac{XXX.XX}{XXX.XX}$ / $\frac{XXX.XX}{XXX.XX}$		CONAN™ CONNECTOR ASSEMBLY	
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		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	
index		sheet		1		2		3	

dwg no 91900 sheet 1 of 7 size A3

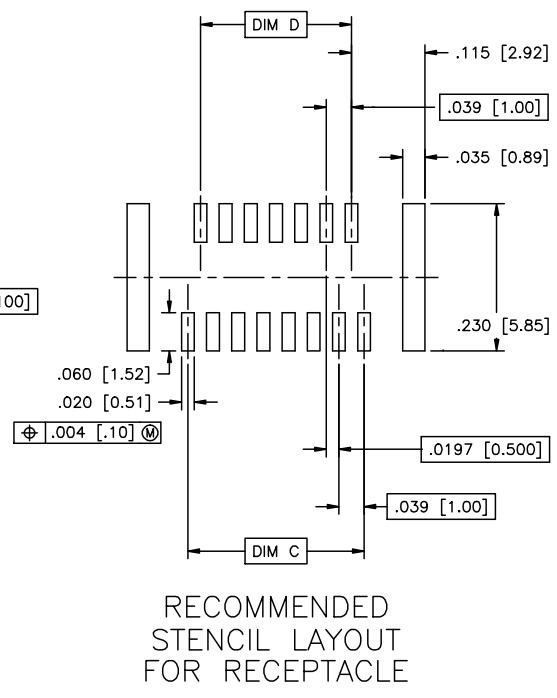
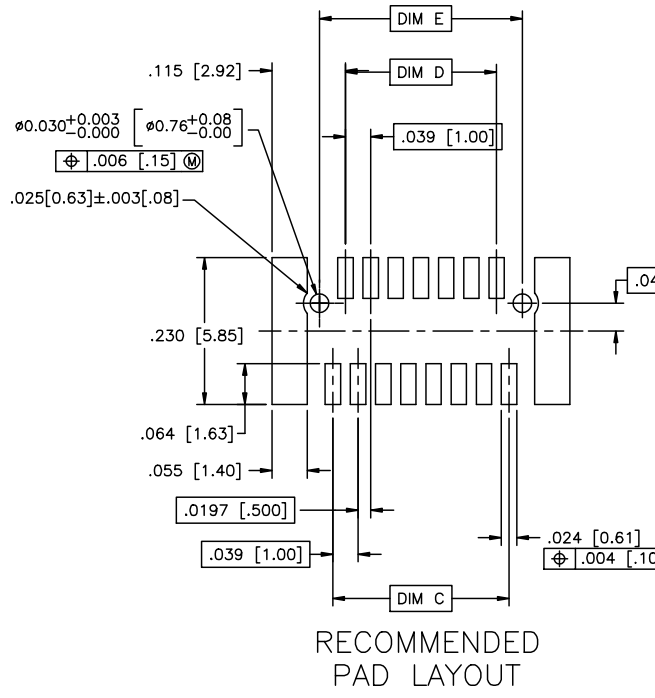




mal'l. code		surface	tolerance	projection	product family
ISO 902		ISO 406	ISO 1001	CONAN	CONAN
Intolerances unless otherwise specified		linear		INCH/MM	title
angles		XX±.01/XX±0.3		scale	CONAN™ CONNECTOR ASSEMBLY
0°±2'		XXX±.005/XXX±0.13		5:1	dwg no
dr		XXX±.000/XXX±0.05			91900
engr					sheet 2 of 7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

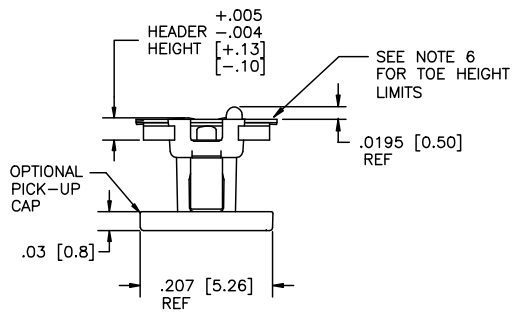
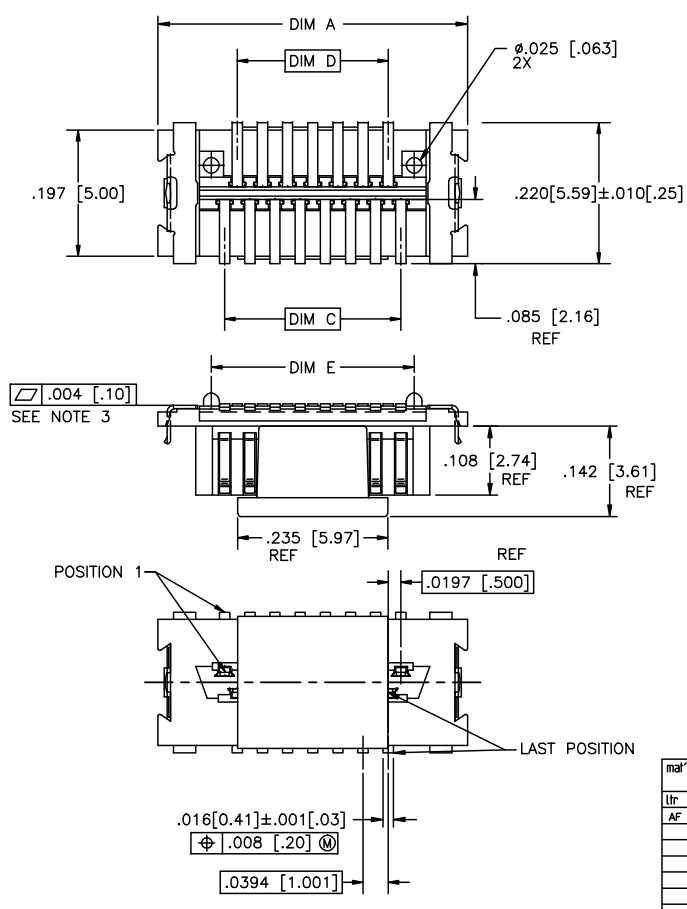


PRODUCT NUMBER
SEE TABLE

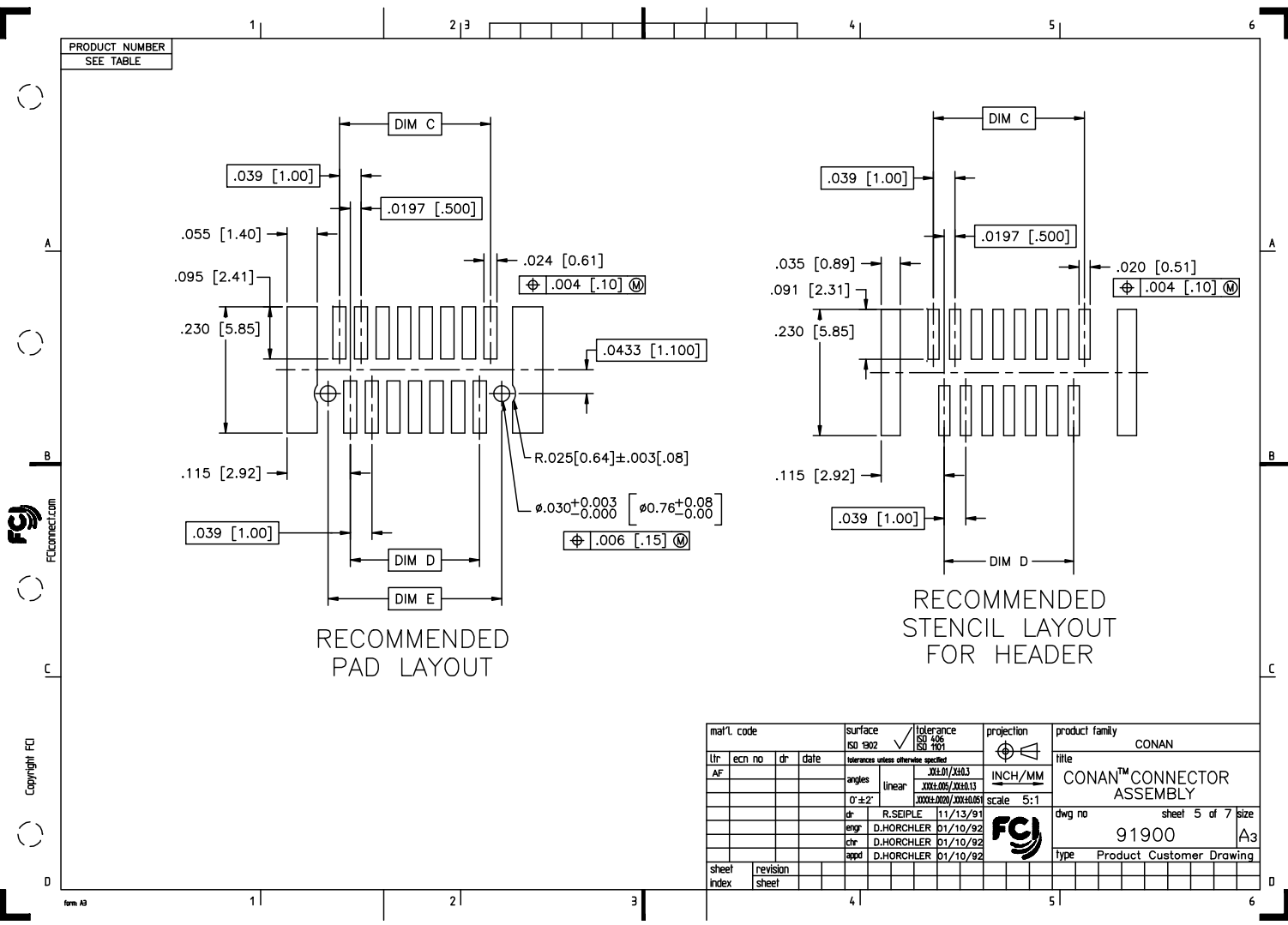


mal't. code		surface		tolerance		projection		product family	
ISO 1902		ISO 1902		ISO 1902		ISO 1902		CONAN	
Intercases unless otherwise specified		linear		linear		INCH/MM		title	
AF		0'±2'		XXL01/XXL03		XXL05/XXL13		CONAN™ CONNECTOR ASSEMBLY	
dr		R.SEIPLE		11/13/91		scale		5:1	
eng		D.HORCHLER		01/10/92		scale		5:1	
chr		D.HORCHLER		01/10/92		scale		5:1	
app		D.HORCHLER		01/10/92		scale		5:1	
sheet		revision				type		Product Customer Drawing	
index		sheet				type		Product Customer Drawing	

PRODUCT NUMBER
SEE TABLE



mal'l. code		surface		ISO 1902	tolerance	ISO 1436	projection	product family	
lit		ecn no	dr	date	ISO 1001		INCH/MM	CONAN	
AF		tolerances unless otherwise specified			XX±.01/XX±0.3			title	
		angles		linear		XX±.005/XX±0.13	CONAN™ CONNECTOR ASSEMBLY		
		0°±2°		XXX±.000/XXX±0.05		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		dwg no		
sheet		revision						91900	
index		sheet						sheet 4 of 7	
								size	
								A3	
								type	
								Product Customer Drawing	



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mal't. code		surface		tolerance		projection		product family	
ISO 1902		ISO 1496		ISO 1001		ASME Y14.5		CONAN	
itr		ecn no		dr		date		title	
AF								CONAN™ CONNECTOR ASSEMBLY	
angles		linear		XX±.01/XX±.03		INCH/MM		dwg no	
0°±2'		XXX±.005/XXX±.013		XXX±.005/XXX±.013		scale 5:1		sheet 5 of 7	
dr		R.SEIPLE		11/13/91		FCI		size	
engr		D.HORCHLER		01/10/92				A3	
chr		D.HORCHLER		01/10/92				type	
appd		D.HORCHLER		01/10/92				Product Customer Drawing	
sheet index		revision sheet							

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:

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.

mal'l. code		surface		tolerance		projection		product family	
		ISO 1902		ISO 406		1st angle		CONAN	
itr		ecn no		date		tolerances unless otherwise specified		title	
AF						XXE.01/XXE.03		CONAN™ CONNECTOR ASSEMBLY	
		angles		linear		XXE.005/XXE.013		INCH/MM	
		0°±2'		XXE.000/XXE.005		scale 5:1		dwg no	
		dr		R.SEIPLE		11/13/91		sheet 6 of 7	
		eng		D.HORCHLER		01/10/92		size	
		chr		D.HORCHLER		01/10/92		A3	
		appd		D.HORCHLER		01/10/92		type	
sheet		revision						Product Customer Drawing	
index		sheet							

PDM: Rev:AF

STATUS:Released

Printed: Oct 12, 2010



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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	tolerance	projection	product family
ISO 902		ISO 406	ISO 1001		CONAN
itr	ecn no	dr	date	title	
AF				CONAN™ CONNECTOR ASSEMBLY	
angles		linear	XX±.01/XX±0.3	INCH/MM	
0'±2'			XXX±.005/XX±0.13	scale 5:1	
dr	R.SEIPLE		11/13/91	dwg no	
eng	D.HORCHLER		01/10/92	sheet 7 of 7	
chr	D.HORCHLER		01/10/92	size	
appd	D.HORCHLER		01/10/92	A3	
sheet index	revision sheet			type Product Customer Drawing	

PDM: Rev:AF

STATUS:Released

Printed: Oct 12, 2010