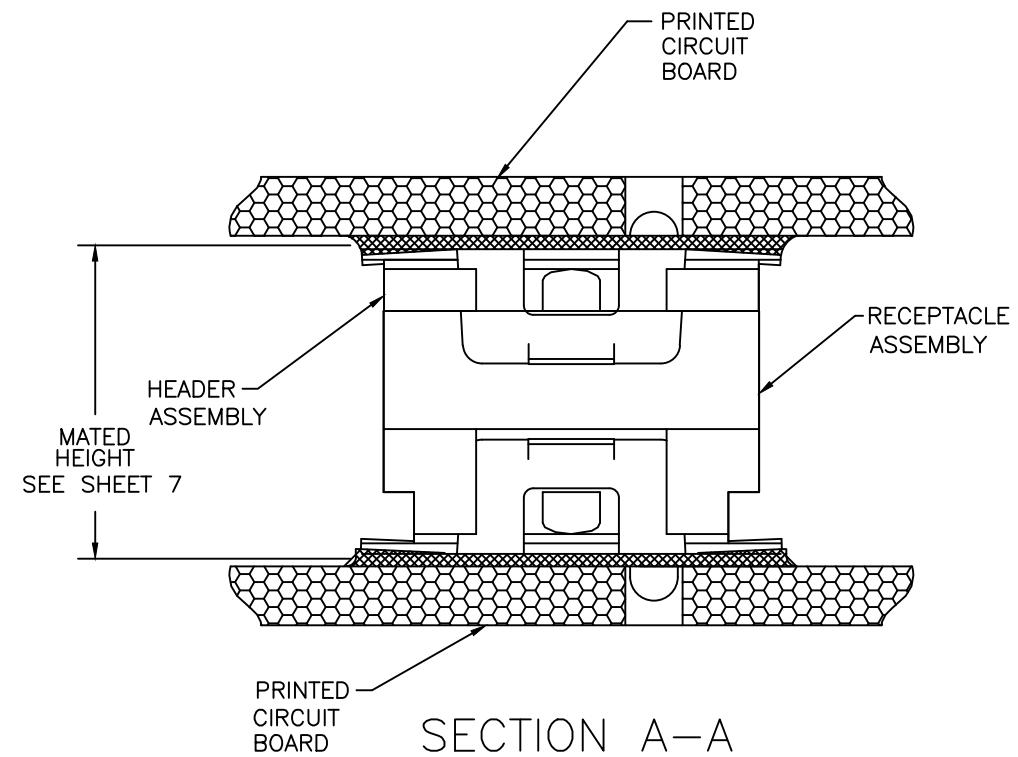
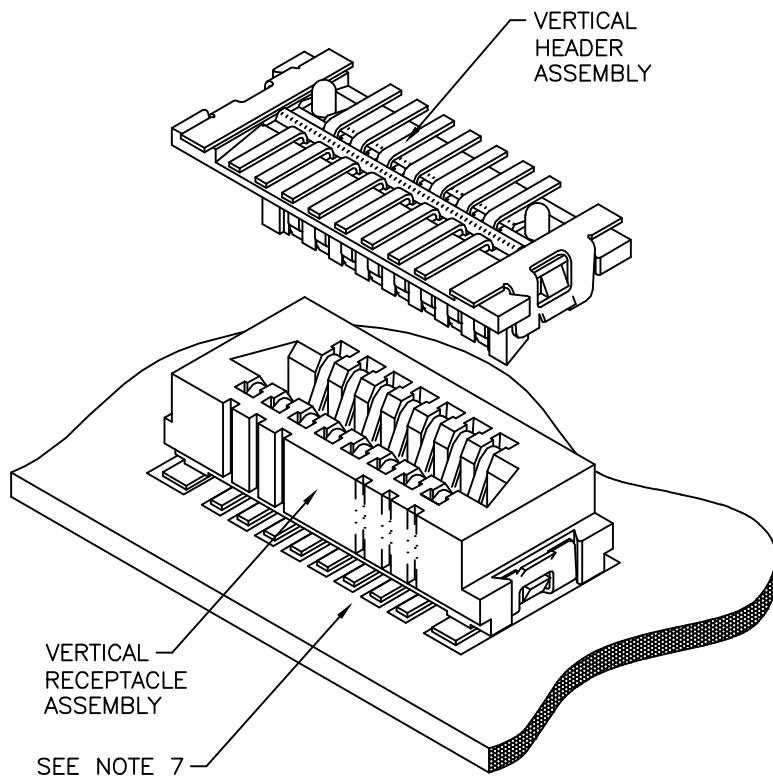


PRODUCT NUMBER
SEE TABLE



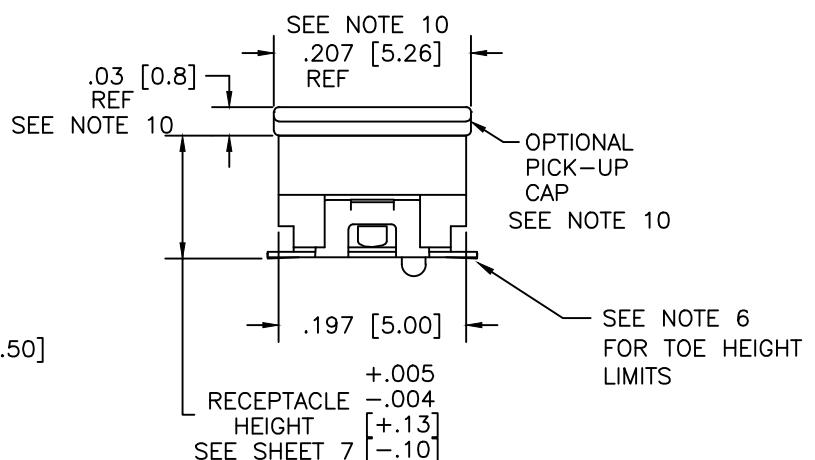
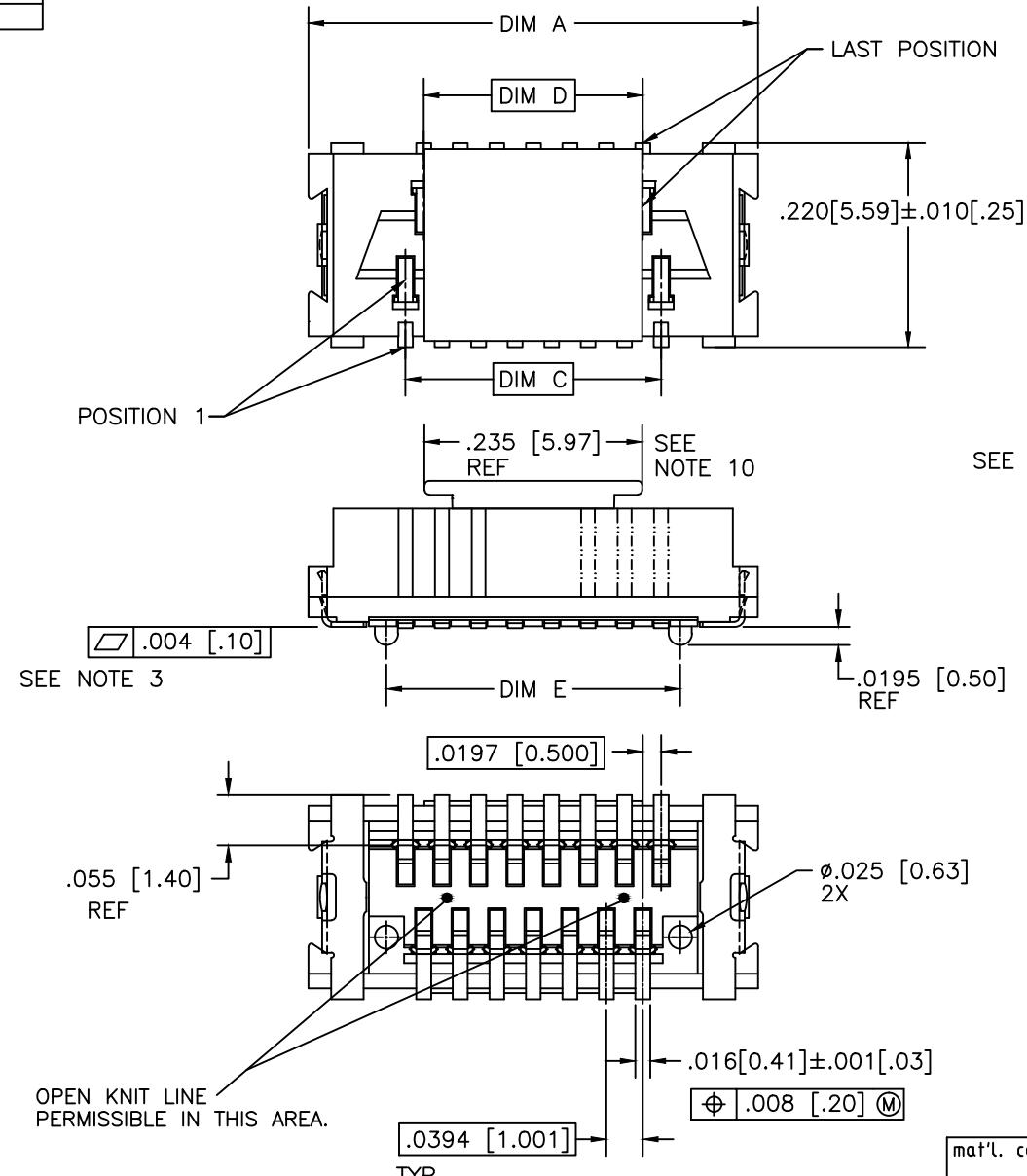
mat'l. code				surface	tolerance	projection	product family
ltr	ecn no	dr	date	ISO 1302	ISO 406 ISO 1101		CONAN®
AG	ELX-N-14208	GM	03/07/13		XX±01/XX±03		
-	-	-	-		XXX±005/XX±013	INCH/MM	
AB	M05-0110	MHT	05/26/05	0°±2°	XXX±0020/XXX±005	scale 5:1	
AC	M06-0232	AGS	06/12/06	dr	R.SEIPLE	11/13/91	
AD	M06-0373	MHT	09/26/06	engr	D.HORCHLER	01/10/92	
AE	M08-0012	AGS	01/11/08	chr	D.HORCHLER	01/10/92	
AF	M08-0287	MHT	10/02/08	appd	D.HORCHLER	01/10/92	
sheet		revision	AG	AG	AG	AG	
index		sheet	1	2	3	4	
			5	6	7		

dwg no sheet 1 of 7 size
91900 A3

FCI

type Product Customer Drawing

PRODUCT NUMBER
SEE TABLE



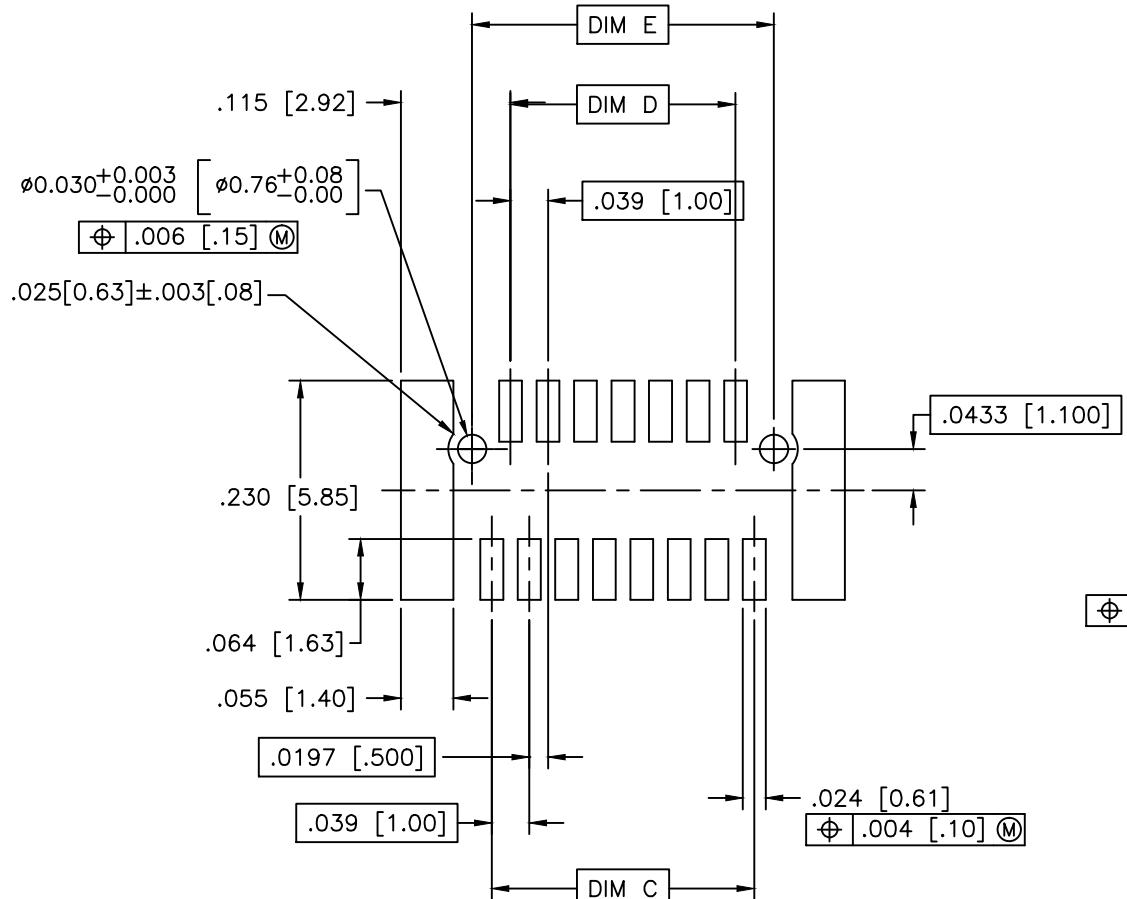
mat'l. code				surface		tolerance		projection	product family
ltr	ecn no	dr	date	ISO 1302	✓	ISO 406 ISO 1101			
AG				angles		XX±01/XX±03		INCH/MM	CONAN®
				linear		XXX±005/XXX±013			
				0°±2°		XXXX±0020/XXX±005		scale 5:1	
				dr	R.SEIPLE	11/13/91			
				engr	D.HORCHLER	01/10/92			
				chr	D.HORCHLER	01/10/92			
				appd	D.HORCHLER	01/10/92			
sheet index		revision sheet							

FCI

dwg no sheet 2 of 7 size
91900 A3

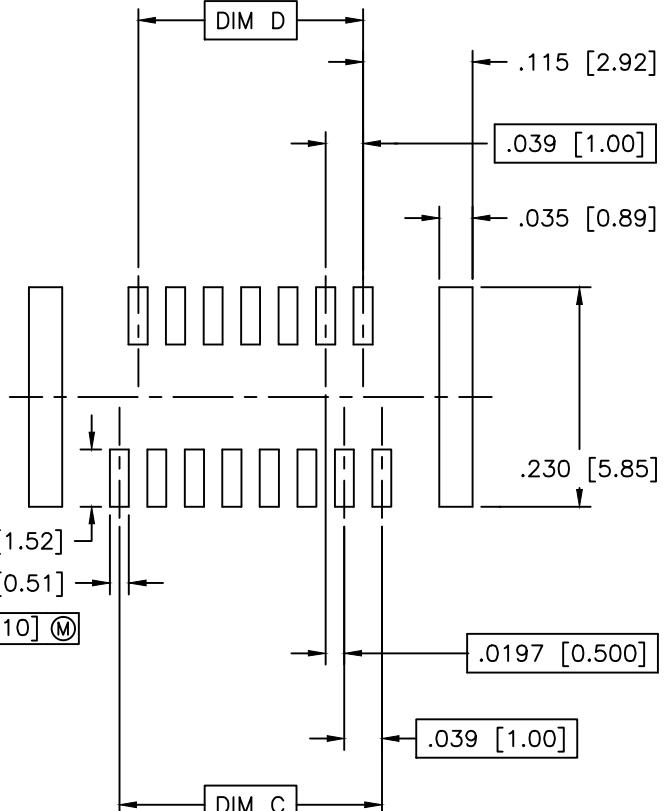
type Product Customer Drawing

PRODUCT NUMBER
SEE TABLE



RECOMMENDED PAD LAYOUT

RECOMMENDED STENCIL LAYOUT FOR RECEPTACLE



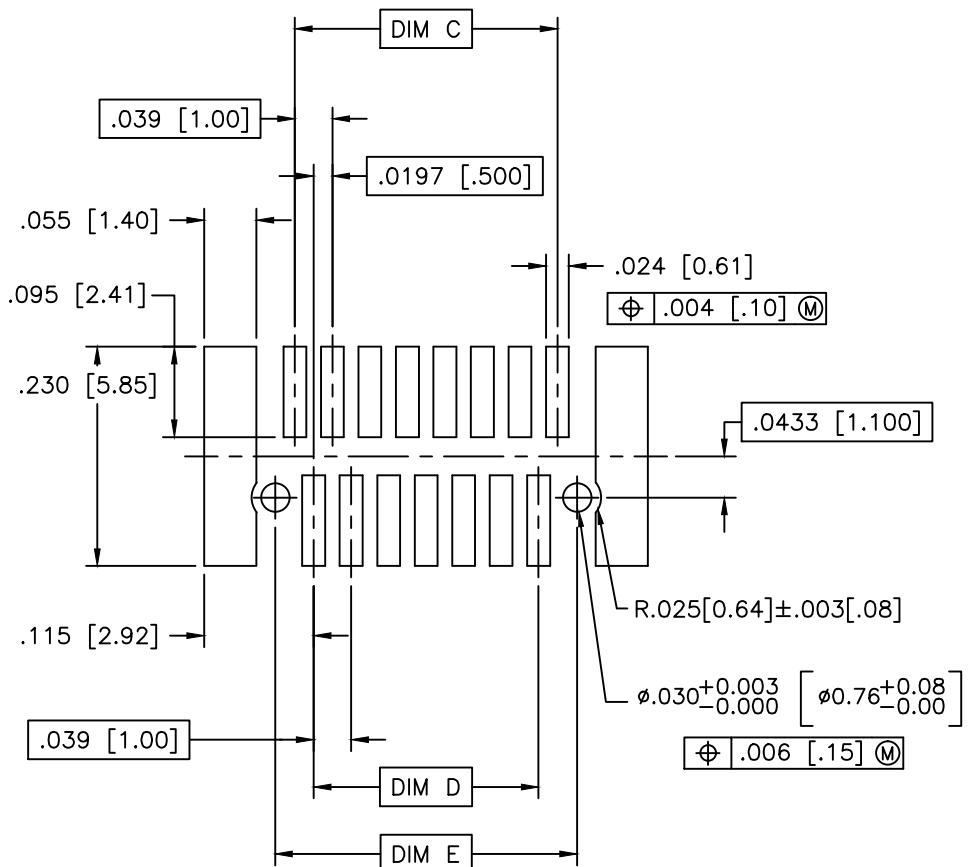
20

Copyright FCI

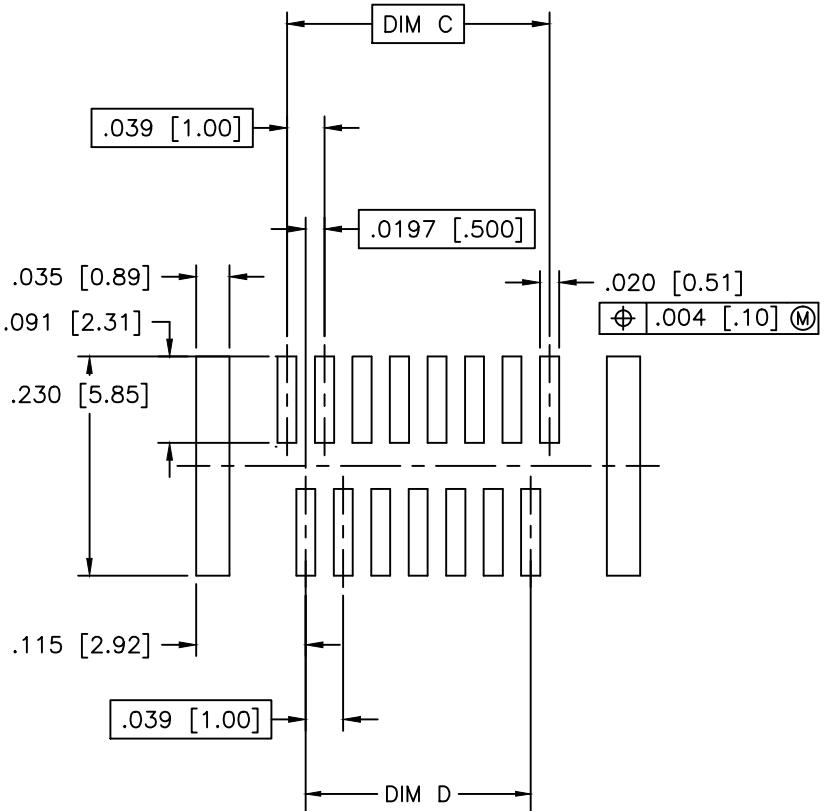
○

mat'l. code				surface		tolerance		projection	product family			
				ISO 1302		ISO 406 ISO 1101			CONAN®			
ltr	ecn	no	dr	date		tolerances unless otherwise specified				title		
AG						linear	XX±0.01/XX±0.3		INCH/MM	CONAN® CONNECTOR ASSEMBLY		
							XX±0.005/XX±0.13					
							XX±0.020/XX±0.05					
0°±2°								scale 5:1				
				dr	R.SEIPLE		11/13/91		dwg no		sheet 3 of 7	
				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

PRODUCT NUMBER
SEE TABLE



RECOMMENDED PAD LAYOUT



RECOMMENDED STENCIL LAYOUT FOR HEADER

20

Copyright FCI

1

mat'l. code			surface ISO 1302		tolerance ISO 406 ISO 1101	projection	product family CONAN®		
ltr	ecn no	dr	date		tolerances unless otherwise specified		title		
AG					angles	XX±.01/XX±0.3	CONAN® CONNECTOR ASSEMBLY		
					linear	XXX±.005/XXX±0.13			
					0°±2°	XXX±.0020/XXX±0.051			
			dr	R.SEIPLE	11/13/91	scale 5:1	dwg no	sheet 5 of 7	size
			engr	D.HORCHLER	01/10/92		91900	A3	
			chr	D.HORCHLER	01/10/92				
			appd	D.HORCHLER	01/10/92		type	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					
↑ -WXY11LF	11	.406 [10.30]	.197 [5.00]	.157 [4.00]	.2380 [6.045]
-WXY15					
↑ -WXY15LF	15	.484 [12.30]	.276 [7.00]	.236 [6.00]	.3170 [8.052]
-WXY21					
↑ -WXY21LF	21	.602 [15.30]	.394 [10.00]	.354 [9.00]	.4350 [11.049]
-WXY25					
↑ -WXY25LF	25	.681 [17.30]	.472 [12.00]	.433 [11.00]	.5140 [13.056]
-WXY31					
↑ -WXY31LF	31	.800 [20.30]	.591 [15.00]	.551 [14.00]	.6320 [16.053]
-WXY41					
↑ -WXY41LF	41	.996 [25.30]	.787 [20.00]	.748 [19.00]	.8290 [21.057]
-WXY51					
↑ -WXY51LF	51	1.193 [30.30]	.984 [25.00]	.945 [24.00]	1.0260 [26.060]
-WXY69					
↓ -WXY69LF	69	1.547 [39.30]	1.339 [34.00]	1.299 [33.00]	1.3800 [35.052]

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 91921-3XYZ AND
91931- 3XYZ 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 AVAILABLE13. PRODUCT WITH "LF" AT THE END MEETS EUROPEAN UNION DIRECTIVES AND OTHER
COUNTRY REGULATION AS DESCRIBED IN GS-22-008.

mat'l. code				surface		tolerance		projection	product family
ltr	ecn no	dr	date	ISO 1302		ISO 406	ISO 1101		
AG				tolerances unless otherwise specified		XX±01/XX03		INCH/MM	CONAN®
				angles	linear	XX±005/XX±013			title
					0°±2°	XX±0020/XX±0051		scale 5:1	CONAN® CONNECTOR ASSEMBLY
				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		revision							
index		sheet							



dwg no sheet 6 of 7 size
91900 A3
type Product Customer Drawing

PRODUCT NUMBER	
SEE TABLE	

CONAN® ASSEMBLY PART NUMBER

LEAD FREE OPTION
SEE NOTE 12

919 T C - W X Y ZZ LF

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
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]
*	.088 [2.23]		.216 [5.50]
**	.1665 [4.229]		.296 [7.52]

SEE Y=1
FOR ALL
RECEPTACLES

X	PLATING
1	15u"/.38u GXT™
2	30u"/.76u GXT™

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.

ZZ	NUMBER OF POSITIONS
09	9
11	11
15	15
21	21
25	25
31	31
41	41
51	51
69	69

mat'l. code				surface		tolerance		projection	product family
ltr	ecn no	dr	date	tolerances unless otherwise specified		ISO 1302	ISO 406 ISO 1101		
AG				angles	linear	XX±01/XX±03	XX±05/XX±013	INCH/MM	CONAN®
						0°±2°	XXXX±0020/XXXX±0051	scale 5:1	CONAN® CONNECTOR ASSEMBLY
				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							



dwg no sheet 7 of 7 size
91900 A3

type Product Customer Drawing

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

FCI:

[91911-31421](#)