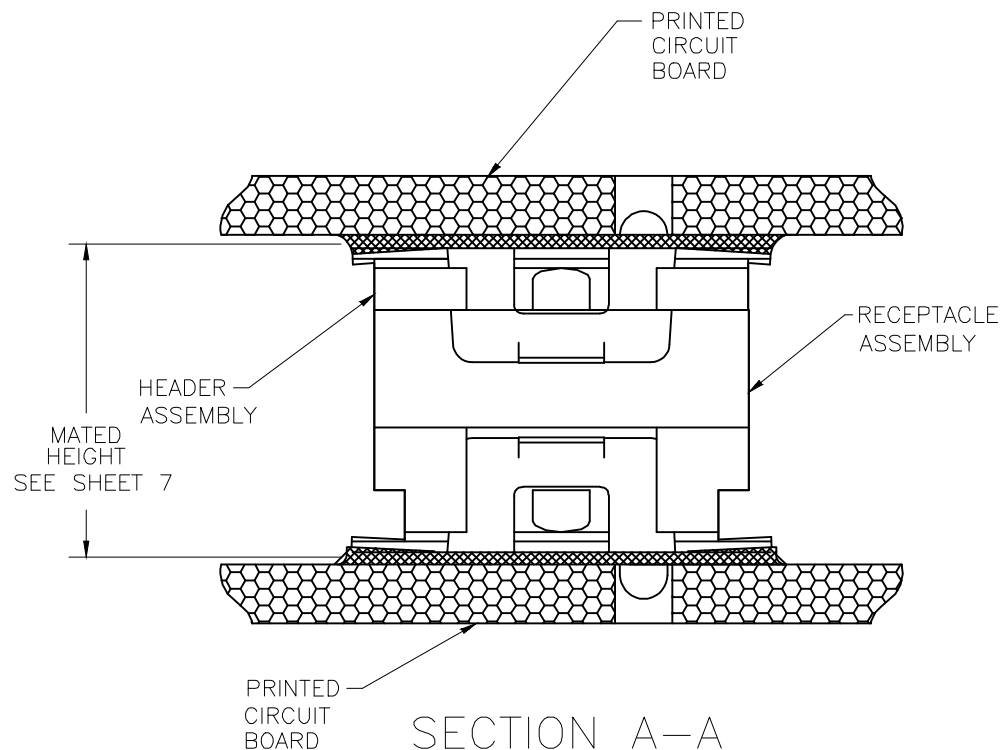
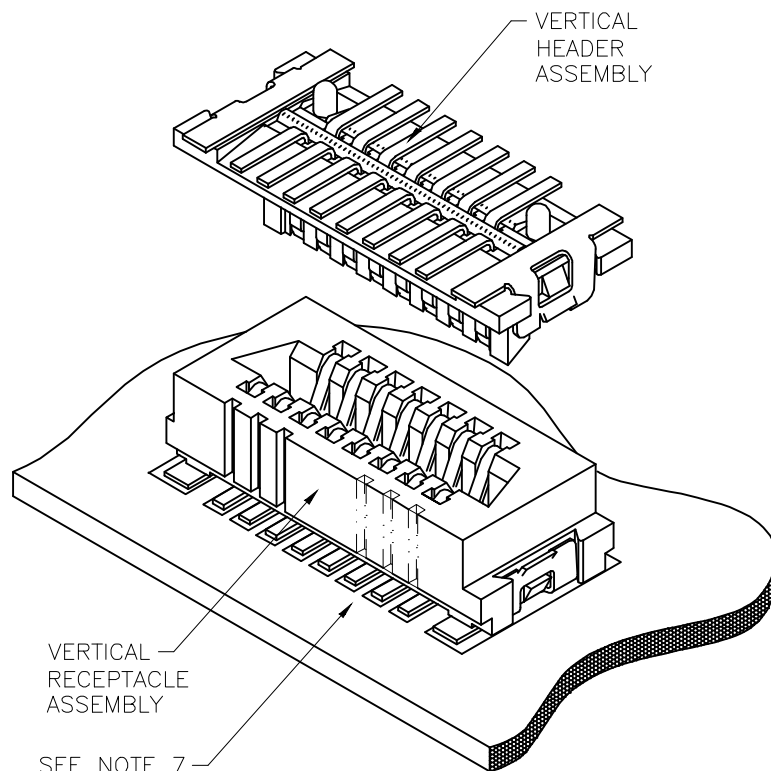


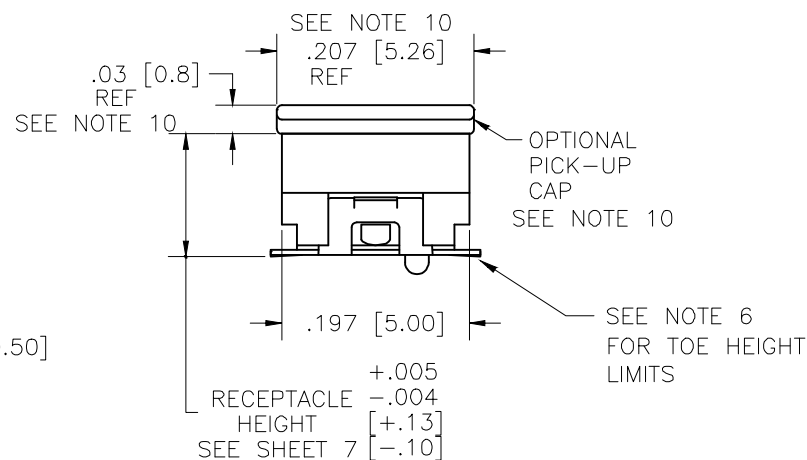
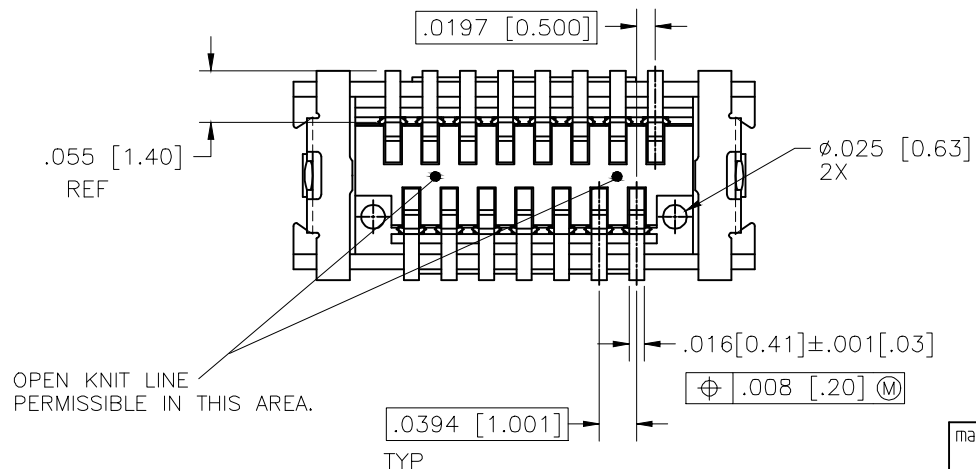
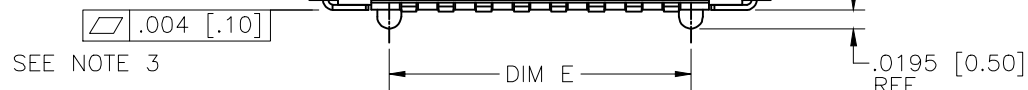
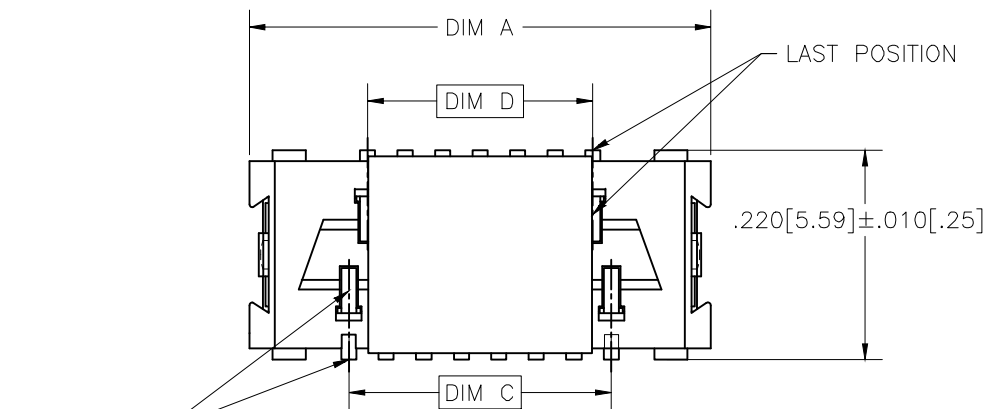
PRODUCT NUMBER
SEE TABLE



SECTION A-A
ROTATED 90°
N.T.S.

mat'l. code				surface ISO 1302 ✓		tolerance ISO 406 ISO 1101		projection 		product family CONAN®			
ltr	ecm no	dr	date	tolerances unless otherwise specified						title			
A	M08-0040	AGS	01/31/08	angles	linear	.xxx±.01/0.3		INCH/MM 	CONAN® LEADED CONNECTOR				
B	ELX-N-14211	GM	03/07/13			.xxx±.005/0.13							
						.xxxx±.0020/0.051							
				0°±2°				scale 5:1					
				dr	A. GARCIA	01/31/08			dwg no		sheet 1 of 7 size		
				engr	C.MARTINEZ	01/31/08			10086244		A3		
				chr	C.MARTINEZ	01/31/08							
				appd	C.MARTINEZ	01/31/08			type		Product Customer Drawing		
sheet index	revision	B	B	B	B	B	B						
	sheet	1	2	3	4	5	6	7					

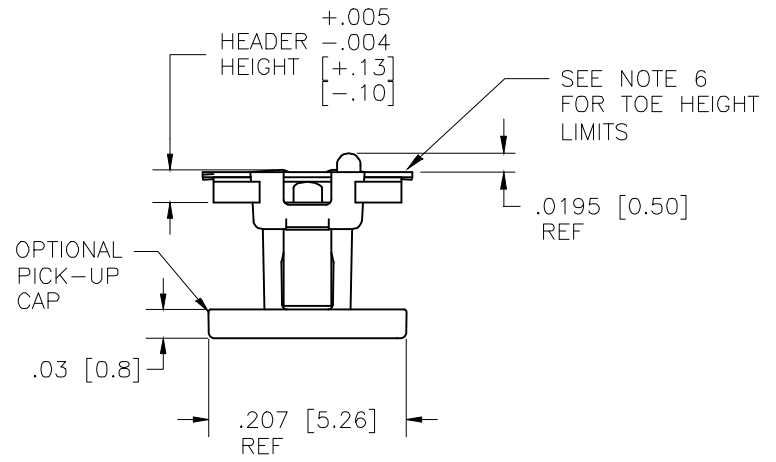
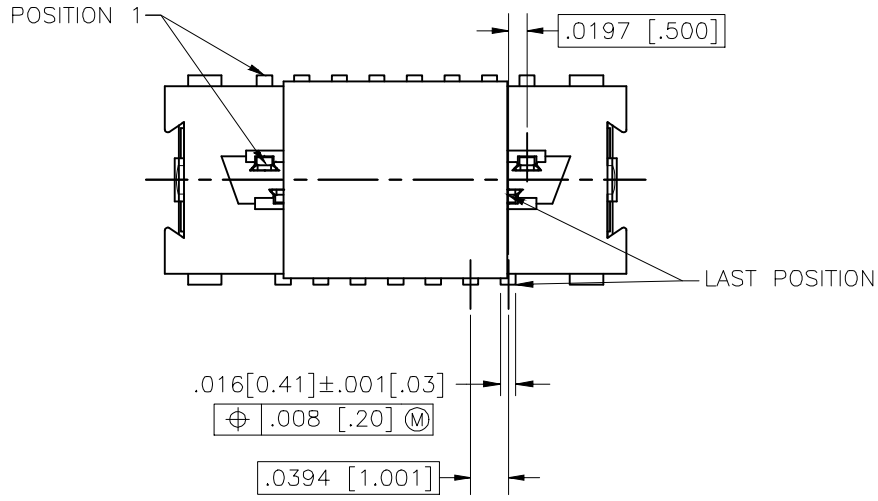
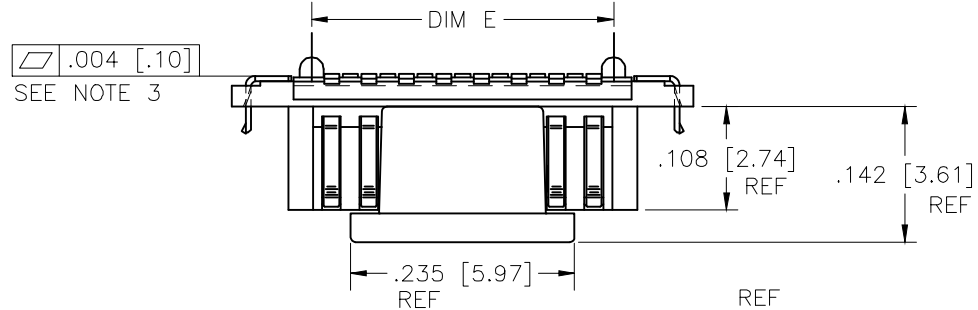
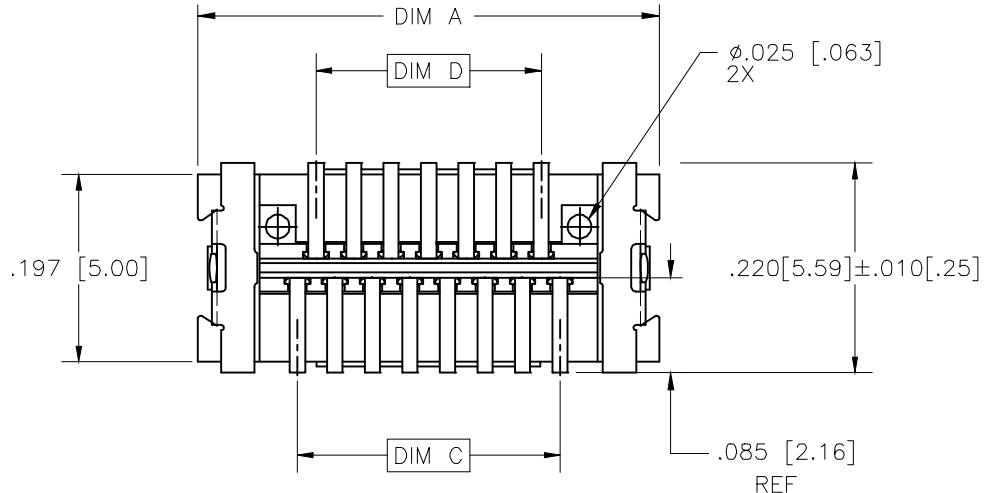
PRODUCT NUMBER
SEE TABLE



mat'l. code				surface ISO 1302	tolerance ISO 406 ISO 1101	projection	product family
ltr	ecr no	dr	date	tolerances unless otherwise specified			CONAN®
B				angles	linear		title
						INCH/MM	CONAN® LEADED CONNECTOR
				0' ± 2'		Scale 5:1	dwg no
				dr	A. GARCIA	01/31/08	sheet 2 of 7 size
				enr	C.MARTINEZ	01/31/08	10086244 A3
				chr	C.MARTINEZ	01/31/08	
				appd	C.MARTINEZ	01/31/08	type
sheet index	revision sheet						Product Customer Drawing

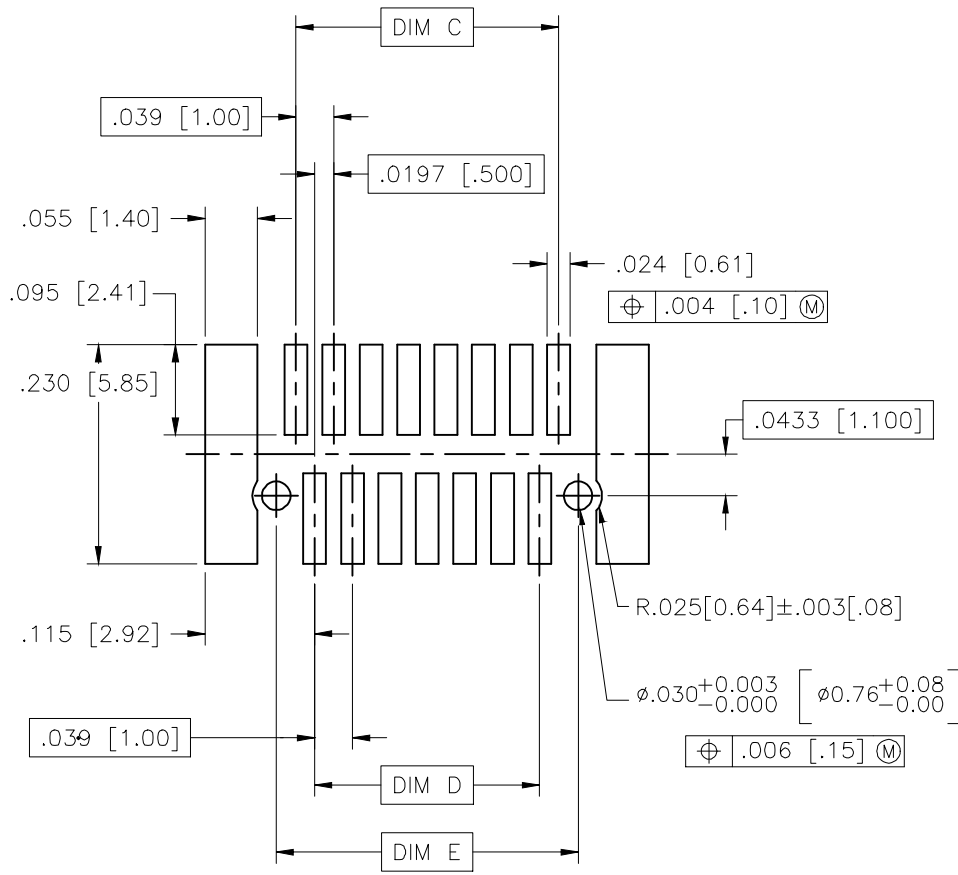
[illegible]

PRODUCT NUMBER
SEE TABLE

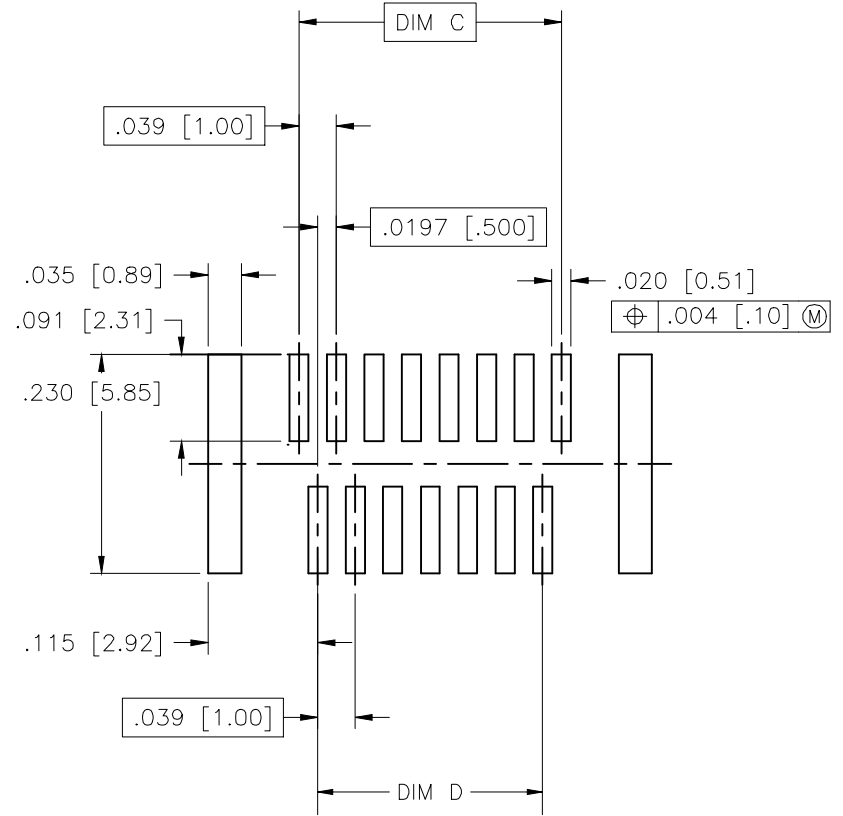


mat'l. code				surface ISO 1302		tolerance ISO 406 ISO 1101		projection 		product family CONAN®						
ltr	ecn no	dr	date	tolerances unless otherwise specified						title						
B				angles		linear		INCH/MM 		CONAN® LEADED CONNECTOR						
				0°±2'				scale 5:1								
				dr	A. GARCIA		01/31/08				dwg no		sheet 4 of 7		size	
				engr	C.MARTINEZ		01/31/08				10086244		A3			
				chr	C.MARTINEZ		01/31/08									
				appd	C.MARTINEZ		01/31/08									
sheet index		revision sheet								type Product Customer Drawing						

PRODUCT NUMBER
SEE TABLE



RECOMMENDED
PAD LAYOUT



RECOMMENDED
STENCIL LAYOUT
FOR HEADER

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		
B				angles	linear	$.XX \pm .01 / 0.3$ $.XXX \pm .005 / 0.13$ $.XXXX \pm .0020 / 0.051$	INCH/MM		CONAN® LEADED CONNECTOR	
				dr	A. GARCIA	01/31/08	Scale 5:1		dwg no	sheet 5 of 7 size
				enr	C.MARTINEZ	01/31/08			10086244	A3
				chr	C.MARTINEZ	01/31/08				
				appd	C.MARTINEZ	01/31/08			type Product Customer Drawing	
sheet index	revision sheet									

PRODUCT NUMBER	POS	DIM "A"	DIM "C"	DIM "D"	DIM "E"
10086244-TCWXY09	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]

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 SnPb 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 SnPb ON SOLDER LEGS WITH
AN OVERALL 50u"/1.27u Ni UNDERPLATE.

RETENTION DEVICE - BRASS,
PLATED WITH 100u"/2.54u SnPb 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

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			
B								angles		linear		.XX±.01/0.3 .XXX±.005/0.13 .XXXX±.0020/0.051		INCH/MM	
								0'±2'				scale 5:1			
								dr		A. GARCIA		01/31/08			
								enrg		C.MARTINEZ		01/31/08			
								chr		C.MARTINEZ		01/31/08			
								appd		C.MARTINEZ		01/31/08			
sheet		revision													
index		sheet													

dwg no		sheet 6 of 7		size	
10086244				A3	
type		Product Customer Drawing			

PRODUCT NUMBER
SEE TABLE

CONAN® ASSEMBLY PART NUMBER

10086244 -T C W X Y ZZ

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 $\begin{matrix} +.010 \\ -.008 \\ [+ .25] \\ [- .20] \end{matrix}$
1	.034 [.86]	.129 [3.28]	.163 [4.15]
2	.048 [1.23]	SEE Y=1 FOR ALL RECEPTACLES	.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]

* 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: 91921-31125

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.

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			
B				angles	linear	.XX±.01/0.3 .xxx±.005/0.13 .xxxx±.0020/0.051	INCH/MM	CONAN® LEADED CONNECTOR			
				dr	A. GARCIA	01/31/08	scale 5:1	dwg no sheet 7 of 7 size			
				enr	C.MARTINEZ	01/31/08		10086244 A3			
				chr	C.MARTINEZ	01/31/08		type Product Customer Drawing			
				appd	C.MARTINEZ	01/31/08					
sheet index	revision sheet										