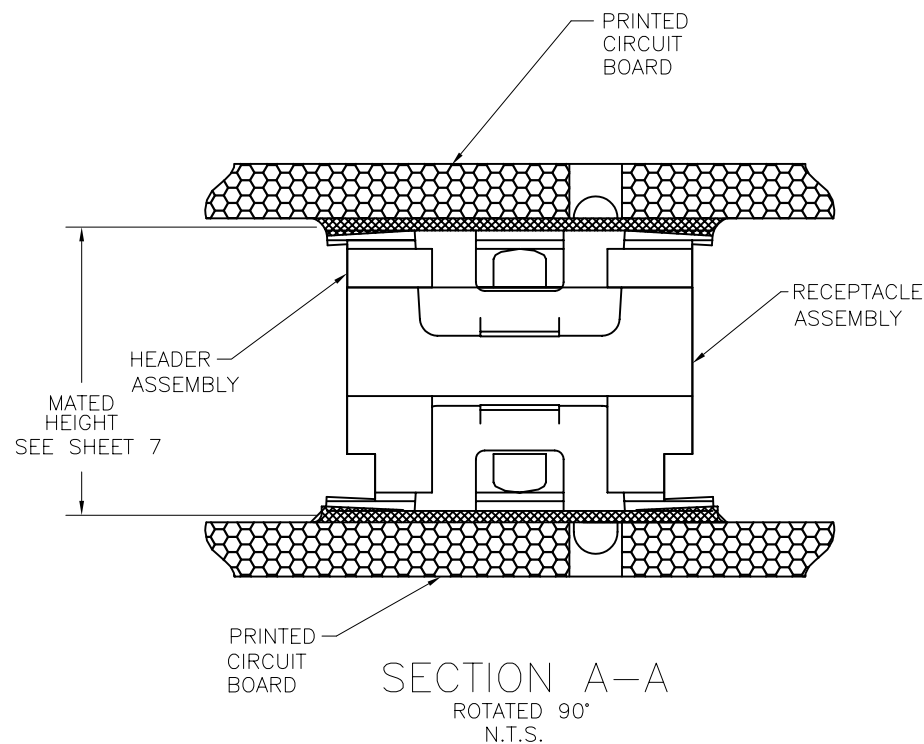
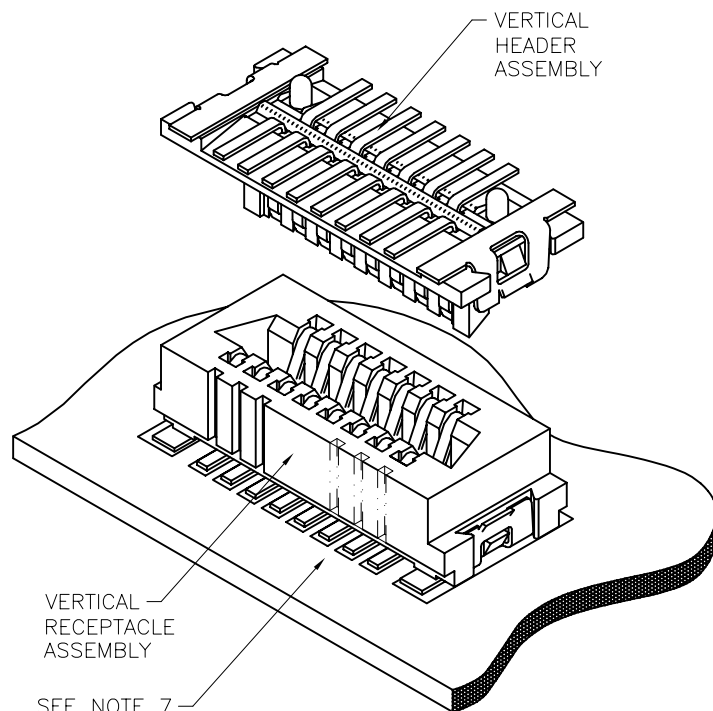
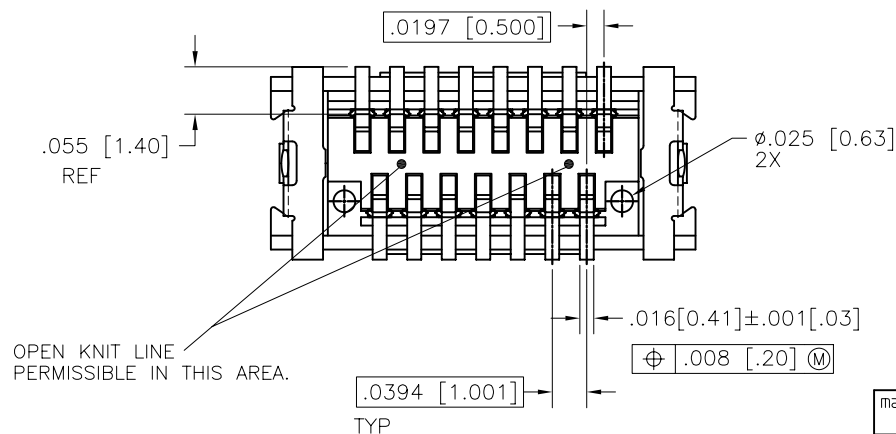
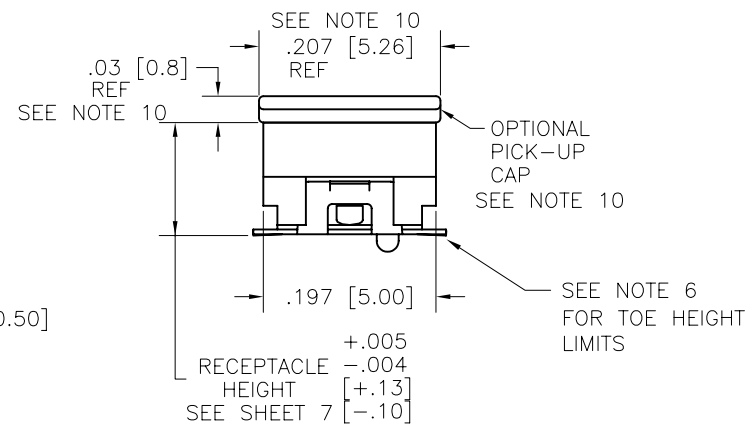
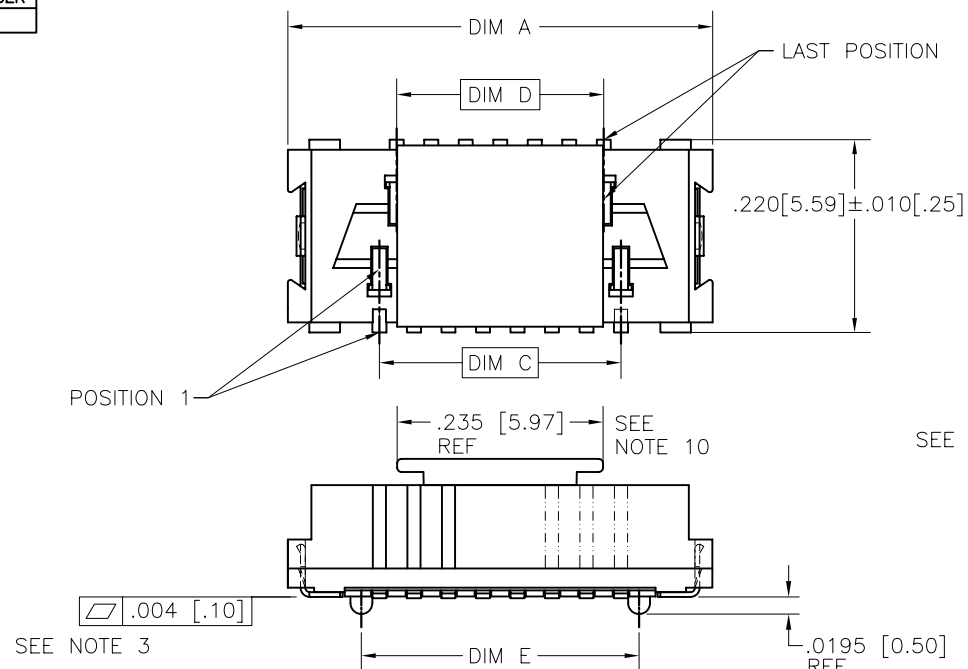


PRODUCT NUMBER
SEE TABLE



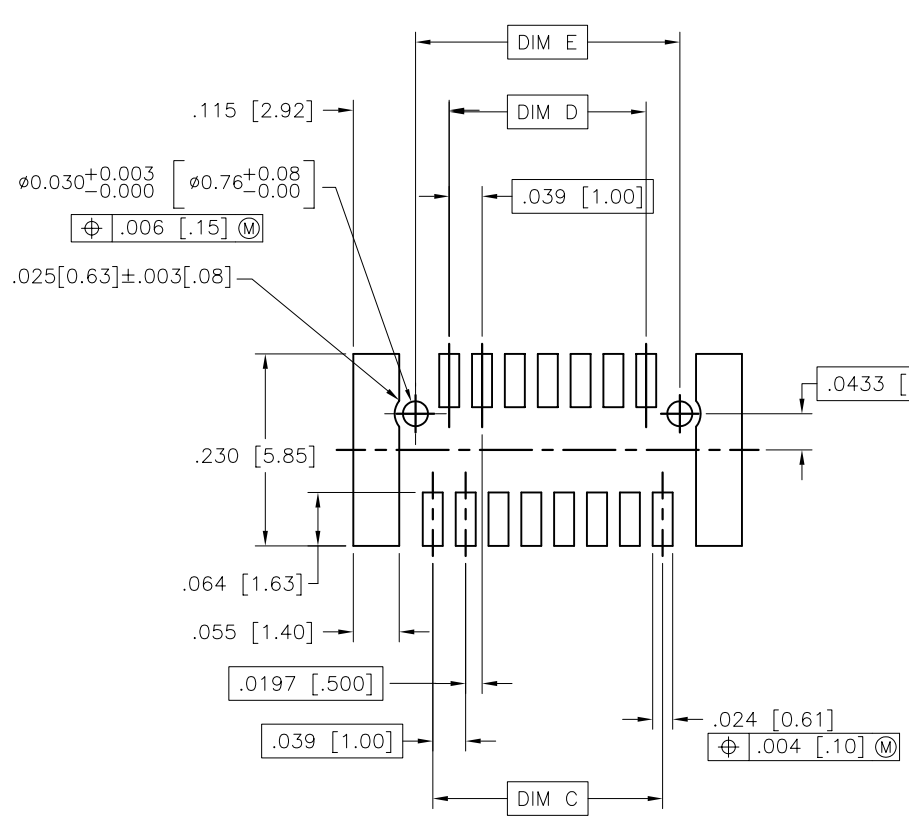
mat'l. code				surface ISO 1302	tolerance ISO 406 ISO 1101	projection INCH/MM	product family CONAN
ltr	ecm no	dr	date	tolerances unless otherwise specified		scale 5:1	title
A	M08-0040	AGS	02/14/08	angles	linear		CONAN™ A-MAGNETIC CONNECTOR
B	M08-0144	AGS	21/5/08				
C	M08-0150	MHT	5/26/08	0°±2°			
				dr	A.GARCIA 02/14/08	FCJ	dwg no
				enr	C.MARTINEZ 02/14/08		10084781
				chr	C.MARTINEZ 02/14/08		sheet 1 of 7
				appd	C.MARTINEZ 02/14/08		A3
sheet index	revision	C	C	C	C	C	type
	sheet	1	2	3	4	5	Product Customer Drawing

PRODUCT NUMBER
SEE TABLE

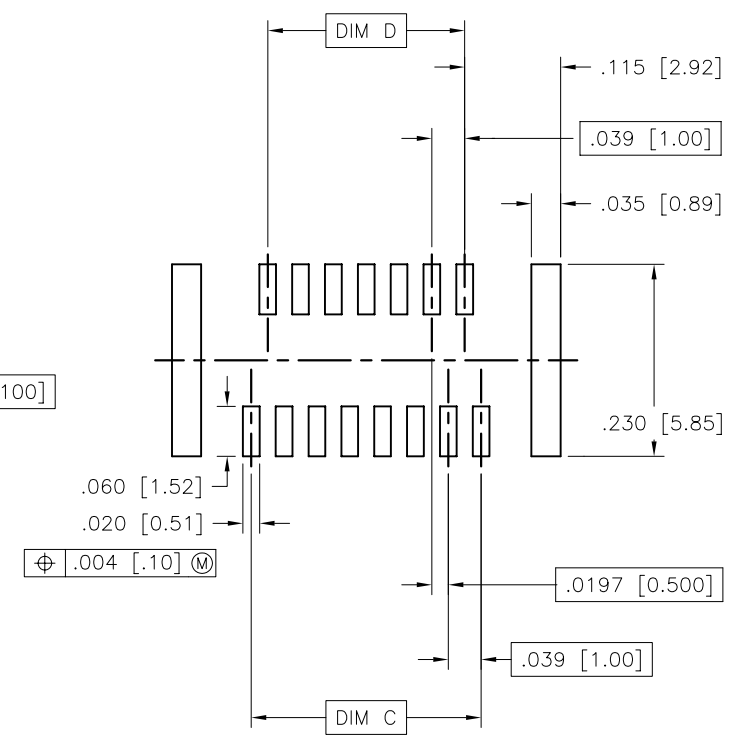


mat'l. code				surface ISO 1302	tolerance ISO 406 ISO 1101	projection INCH/MM	product family CONAN
ltr	ecm no	dr	date	tolerances unless otherwise specified		scale 5:1	title CONAN™ A-MAGNETIC CONNECTOR
C				angles	linear		
				0°±2°	linear		
					XX±.01/XX±.3		
					.XXX±.005/XX±.13		
					.XXXX±.0020/XXX±.051		
				dr	A.GARCIA 02/14/08	FCJ	dwg no 10084781
				enr	C.MARTINEZ 02/14/08		
				chr	C.MARTINEZ 02/14/08		
				appd	C.MARTINEZ 02/14/08		
sheet index	revision sheet						type Product Customer Drawing

PRODUCT NUMBER
SEE TABLE



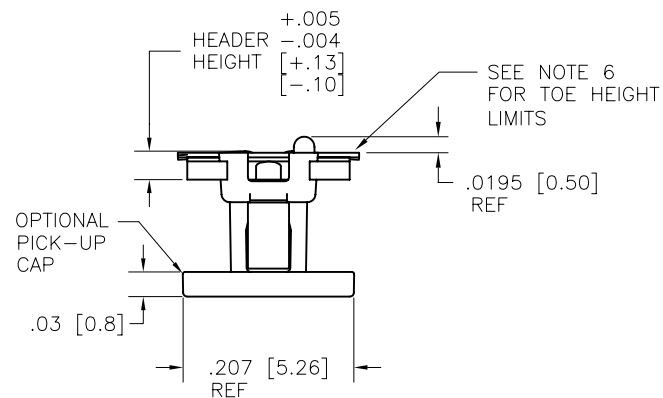
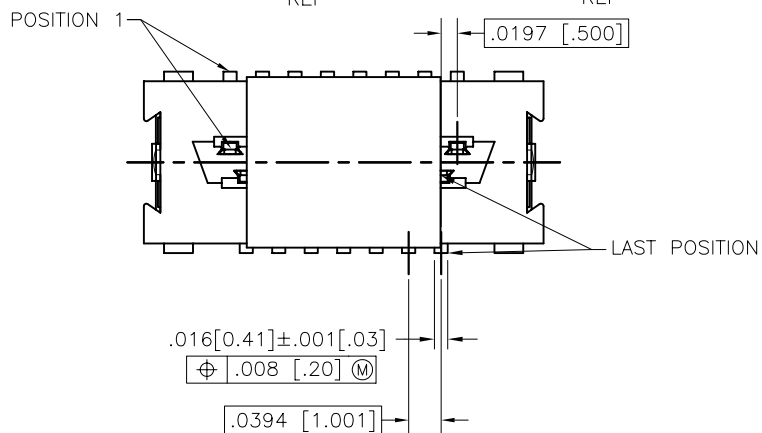
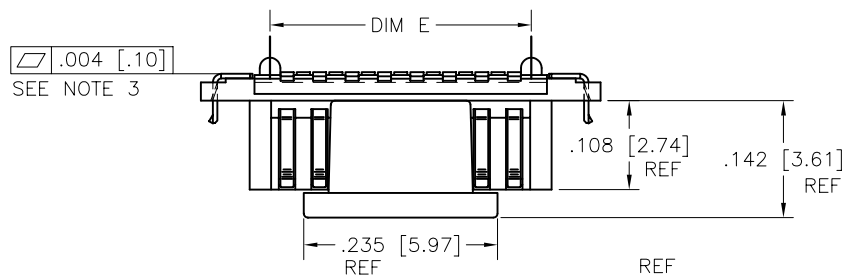
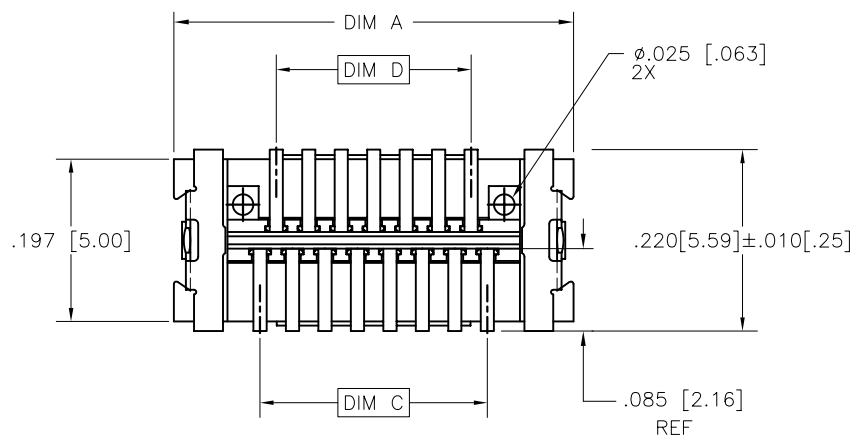
RECOMMENDED
PAD LAYOUT



RECOMMENDED
STENCIL LAYOUT
FOR RECEPTACLE

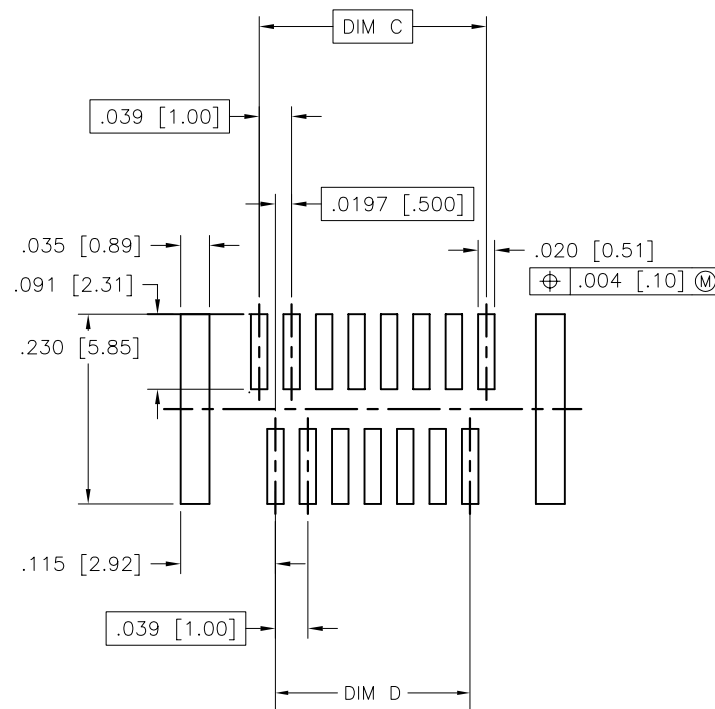
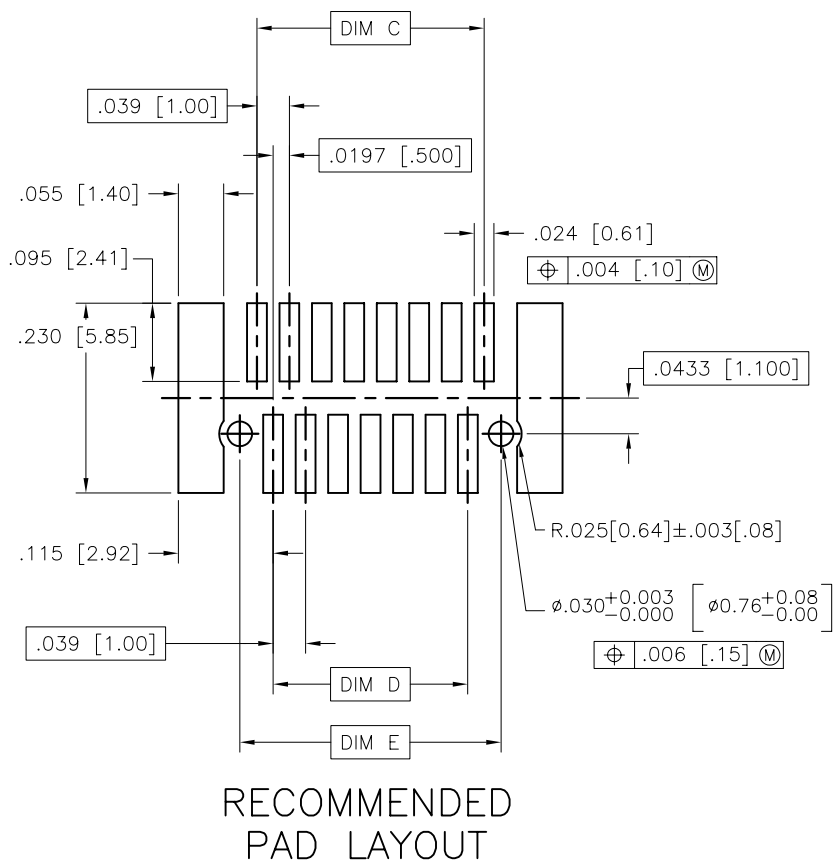
mat'l. code				surface ISO 1302	tolerance ISO 406 ISO 1101	projection INCH/MM	product family CONAN
ltr	ec'n no	dr	date	tolerances unless otherwise specified		scale 5:1	title
C				angles	linear		CONAN™ A-MAGNETIC CONNECTOR
				0°±2°	linear		
				dr	A.GARCIA	02/14/08	dwg no
				enr	C.MARTINEZ	02/14/08	10084781
				chr	C.MARTINEZ	02/14/08	sheet 3 of 7
				appd	C.MARTINEZ	02/14/08	size A3
sheet index	revision sheet						type Product Customer Drawing

PRODUCT NUMBER
SEE TABLE



mat'l. code				surface ISO 1302	tolerance ISO 406 ISO 1101	projection INCH/MM	product family CONAN
ltr	ec'n no	dr	date	tolerances unless otherwise specified		scale 5:1	title
C				angles	linear		CONAN™ A-MAGNETIC CONNECTOR
				0° ± 2°	linear		
				dr	A.GARCIA 02/14/08	FCJ	dwg no
				enr	C.MARTINEZ 02/14/08		10084781
				chr	C.MARTINEZ 02/14/08		sheet 4 of 7 size
				appd	C.MARTINEZ 02/14/08		A3
sheet index	revision sheet						type Product Customer Drawing

PRODUCT NUMBER
SEE TABLE



mat'l. code				surface ISO 1302	tolerance ISO 406 ISO 1101	projection INCH/MM	product family CONAN
ltr	ecn no	dr	date	tolerances unless otherwise specified			title
C				angles	linear	scale 5:1	CONAN™ A-MAGNETIC CONNECTOR
				0°±2°	.XX±.01/XX±.3 .XXX±.005/XX±.13 .XXXX±.0020/XXX±.051		dwg no
				dr	A.GARCIA	02/14/08	sheet 5 of 7 size
				enr	C.MARTINEZ	02/14/08	10084781 A3
				chr	C.MARTINEZ	02/14/08	type
				appd	C.MARTINEZ	02/14/08	Product Customer Drawing
sheet index	revision	sheet					

PRODUCT NUMBER	POS	DIM "A"	DIM "C"	DIM "D"	DIM "E"
10084781-TCWXY09	9	.366 [9.30]	.157 [4.00]	.118 [3.00]	.1990 [5.055]
-TCWXY11	11	.406 [10.30]	.197 [5.00]	.157 [4.00]	.2380 [6.045]
-TCWXY15	15	.484 [12.30]	.276 [7.00]	.236 [6.00]	.3170 [8.052]
-TCWXY21	21	.602 [15.30]	.394 [10.00]	.354 [9.00]	.4350 [11.049]
-TCWXY25	25	.681 [17.30]	.472 [12.00]	.433 [11.00]	.5140 [13.056]
-TCWXY31	31	.800 [20.30]	.591 [15.00]	.551 [14.00]	.6320 [16.053]
-TCWXY41	41	.996 [25.30]	.787 [20.00]	.748 [19.00]	.8290 [21.057]
-TCWXY51	51	1.193 [30.30]	.984 [25.00]	.945 [24.00]	1.0260 [26.060]
-TCWXY69	69	1.547 [39.30]	1.339 [34.00]	1.299 [33.00]	1.3800 [35.052]

NOTES:

1. MATERIALS:

HOUSING - LCP, UL-94V-0. COLOR: NATURAL.
 TERMINAL - COPPER ALLOY
 PLATED WITH 50u"/1.27u Au CONTACT AREA
 AND 200u"/5.08u SnPb ON SOLDER LEGS WITH
 AN OVERALL 50u"/1.27u Cu UNDERPLATE.

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 10086535-213XYZZ AND 10084781-313XYZZ 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
C				angles	linear	INCH/MM	CONAN™ A-MAGNETIC CONNECTOR
				0°±2°	.XX±.01/.X±.3 .XXX±.005/.XX±.13 .XXXX±.0020/.XXX±.051	scale 5:1	
				dr	A.GARCIA	02/14/08	dwg no
				enr	C.MARTINEZ	02/14/08	sheet 6 of 7 size
				chr	C.MARTINEZ	02/14/08	10084781 A3
				appd	C.MARTINEZ	02/14/08	type
sheet	revision						Product Customer Drawing
index	sheet						

PRODUCT NUMBER
SEE TABLE

CONAN ASSEMBLY PART NUMBER

10084781-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	+0.010 -0.008 [+.25] [-.20]
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	50u"/1.27u Au

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

EXAMPLE: 10084781-2131125
IS A CONAN RECEPTACLE ASSEMBLY,
HAVING NO PEGS AND WITH A PICK AND PLACE CAP.
IT ALSO HAS AU 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 INCH/MM	product family CONAN
ltr	ecm no	dr	date	tolerances unless otherwise specified			title
C				angles	linear		CONAN™ A-MAGNETIC CONNECTOR
				0°±2°			dwg no
							10084781
				dr	A.GARCIA	02/14/08	sheet 7 of 7
				engr	C.MARTINEZ	02/14/08	size
				chr	C.MARTINEZ	02/14/08	A3
				appd	C.MARTINEZ	02/14/08	type
sheet	revision						Product Customer Drawing
index	sheet						