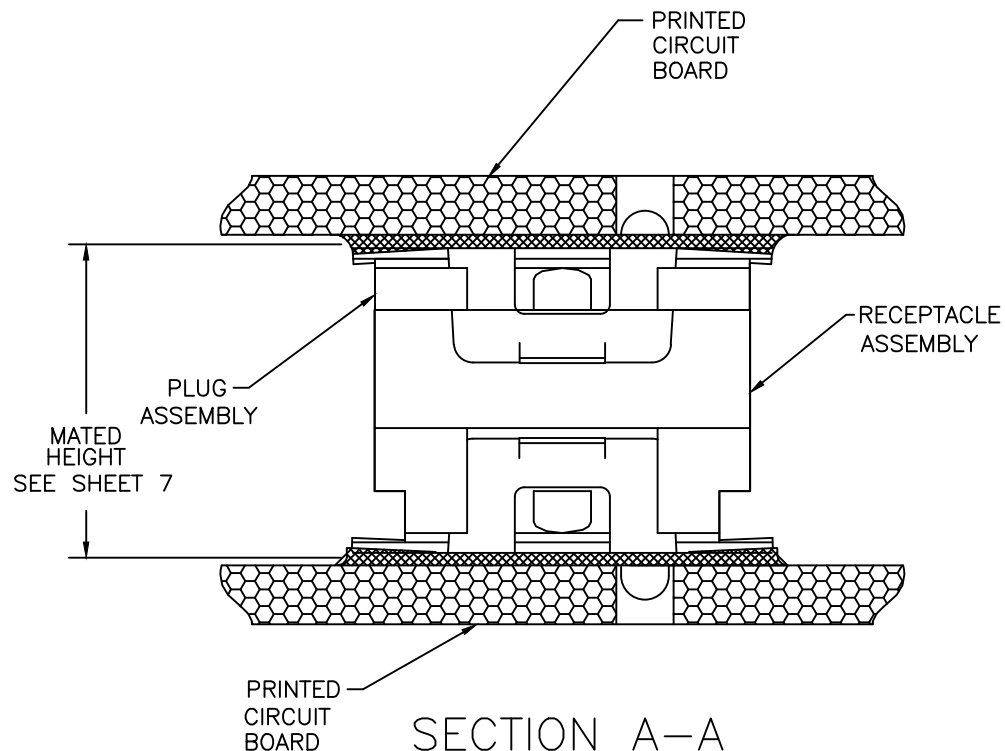
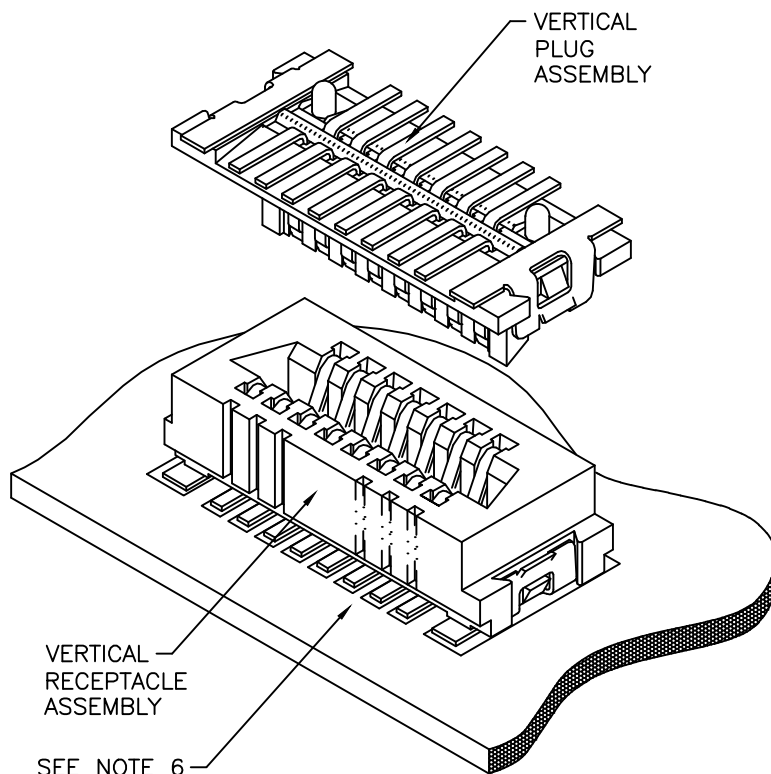


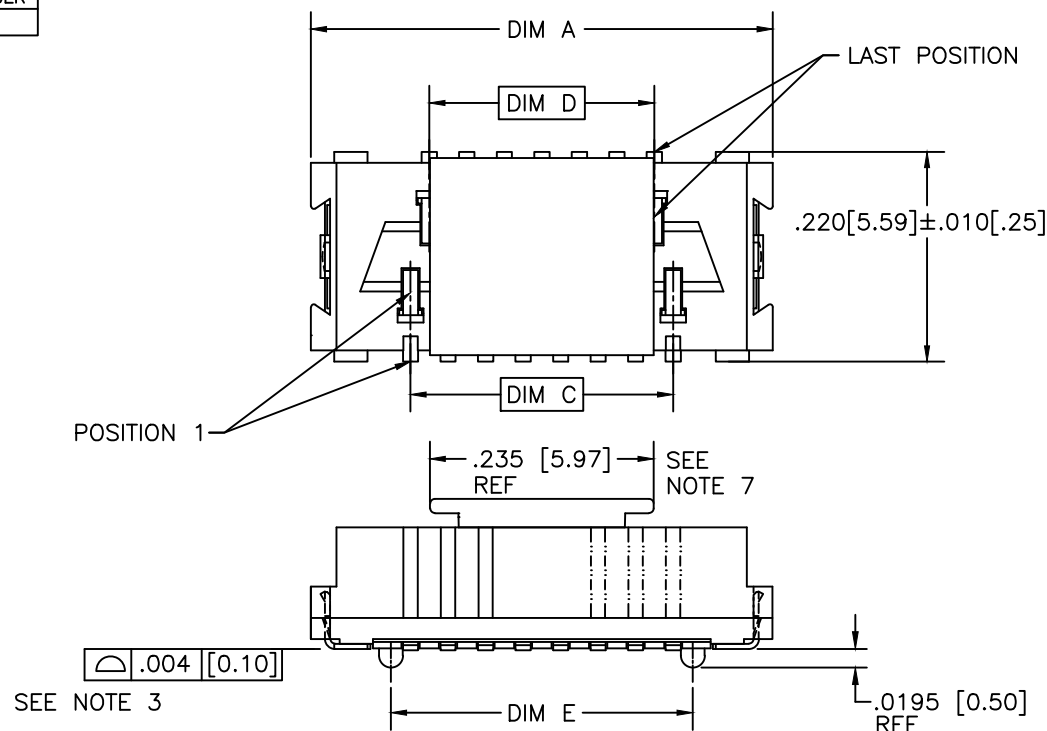
PRODUCT NUMBER
SEE TABLE



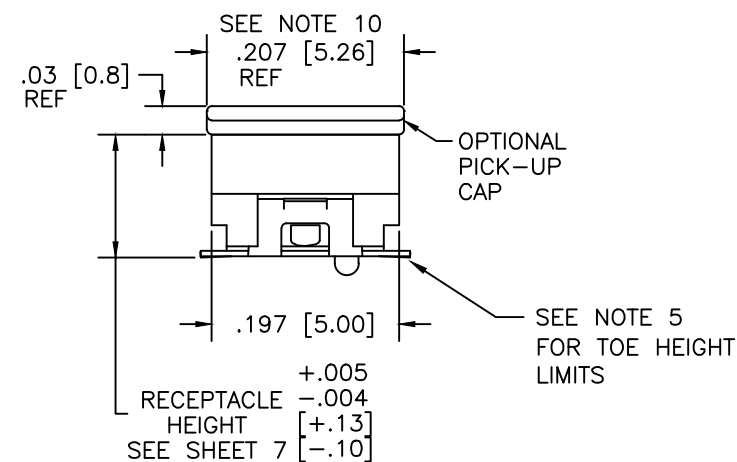
SECTION A-A
ROTATED 90°
N.T.S.

mat'l. code				surface ISO 1302	tolerance ISO 406 ISO 1101	projection	product family CONAN®			
ltr	ecn no	dr	date	tolerances unless otherwise specified		INCH/MM	title CONAN® CONNECTOR ASSEMBLY			
A	N11-0214	J.Z	2011-07-20	angles	linear					
B	ELX-N-05460	J.Z	2011-08-23				dwg no 10118744			
C	ELX-N-14210	GM	2013-03-07	0°±2°		scale 5:1				
				dr	J.ZHOU	2011-07-20	sheet 1 of 7 size A3			
				enr	J.ZHOU	2011-07-20				
				chr	J.ZHOU	2011-07-20	type Product Customer Drawing			
				appd	R.BIAN	2011-07-20				
sheet	revision	C	C	C	C	C	C	C	C	C
index	sheet	1	2	3	4	5	6	7		

PRODUCT NUMBER
SEE TABLE



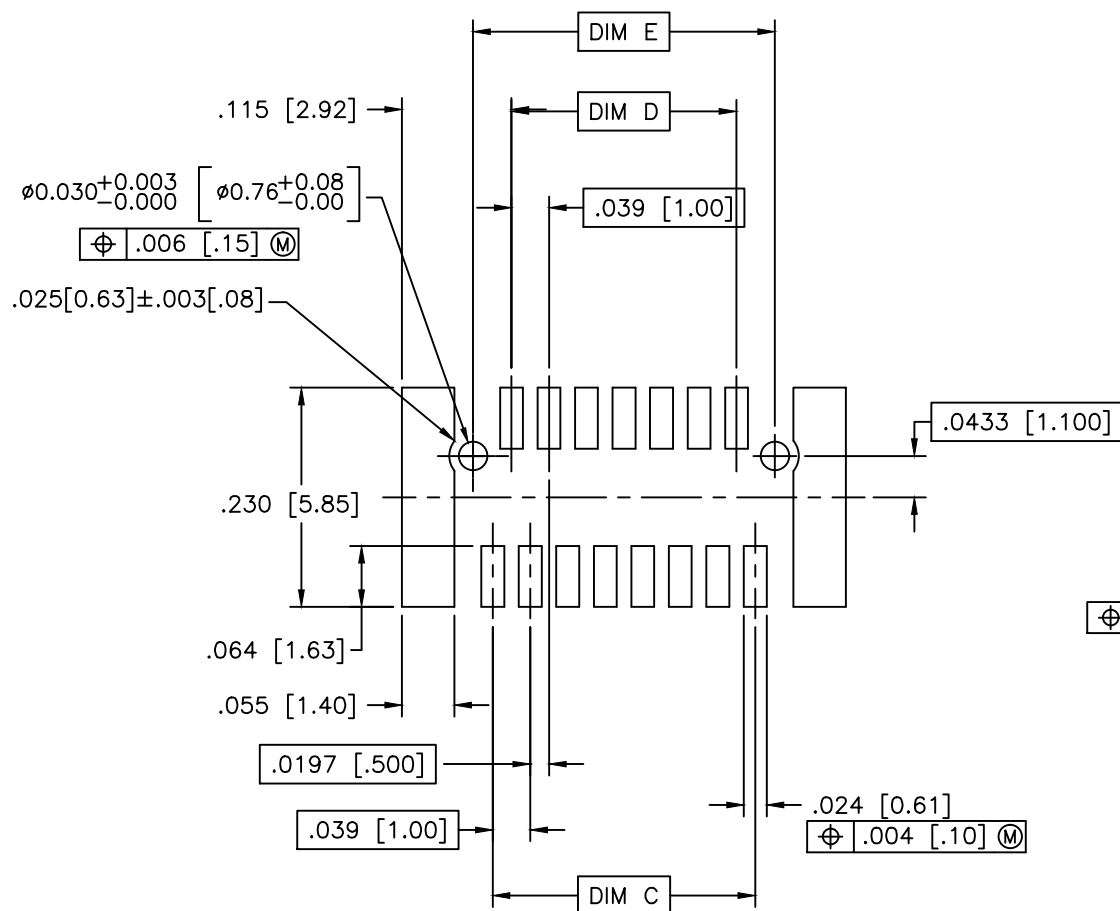
RECEPTACLE



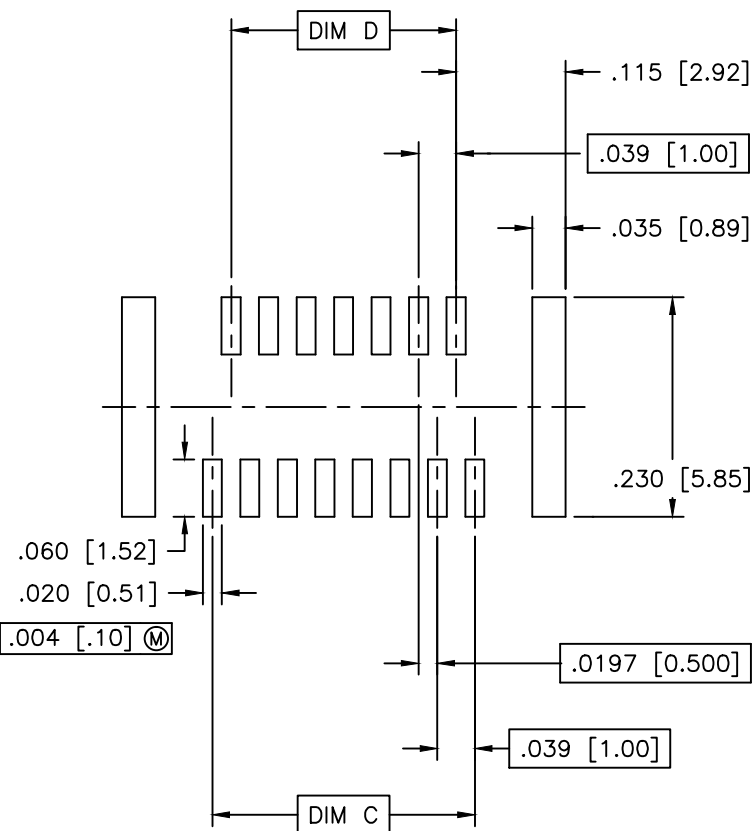
OPEN KNOT LINE
PERMISSIBLE IN THIS AREA.

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		scale 5:1	title CONAN® CONNECTOR ASSEMBLY			
c				angles	linear		dwg no			
				0°±2'			sheet 2 of 7			
				dr	J.ZHOU	2011-07-20	10118744			
				enr	J.ZHOU	2011-07-20	A3			
				chr	J.ZHOU	2011-07-20	type			
				appd	R.BIAN	2011-07-20	Product Customer Drawing			
sheet index	revision sheet									

PRODUCT NUMBER
SEE TABLE



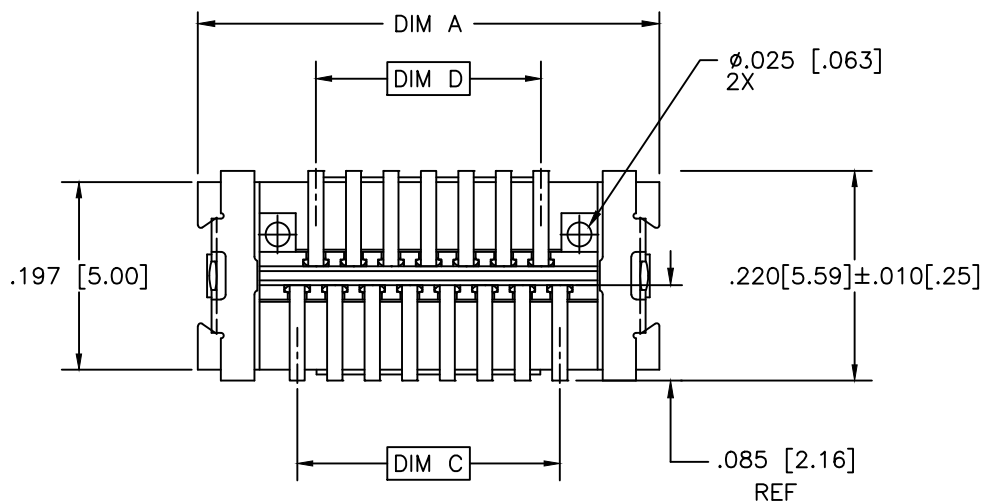
RECOMMENDED
PAD LAYOUT
FOR RECEPTACLE



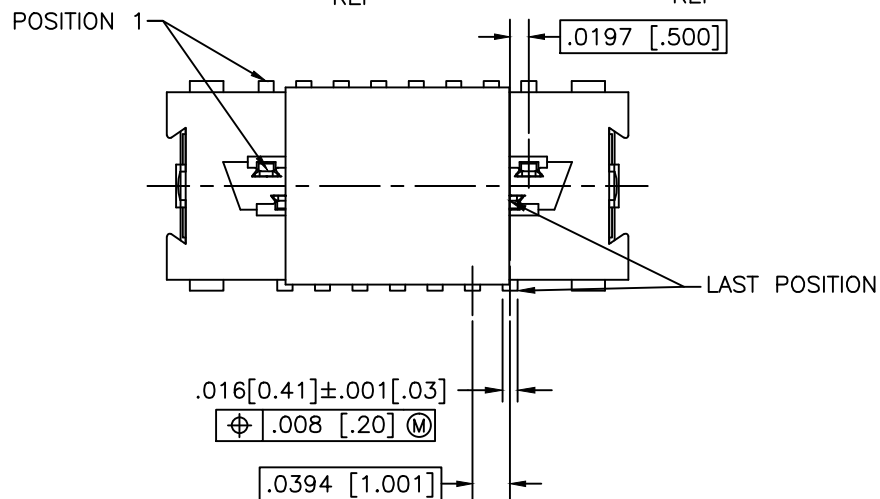
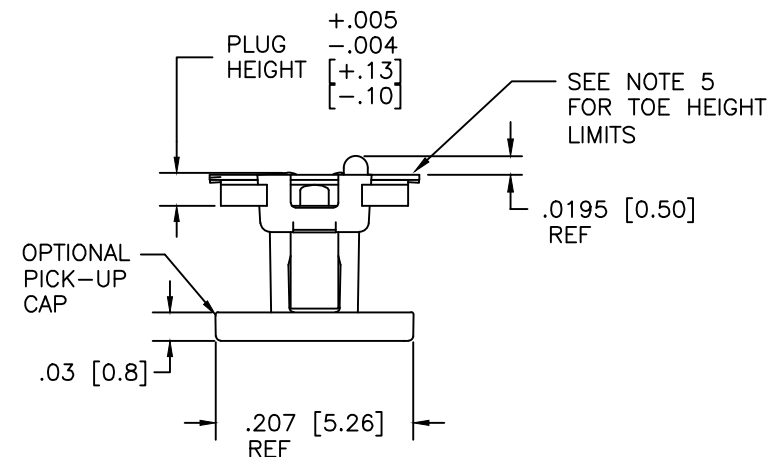
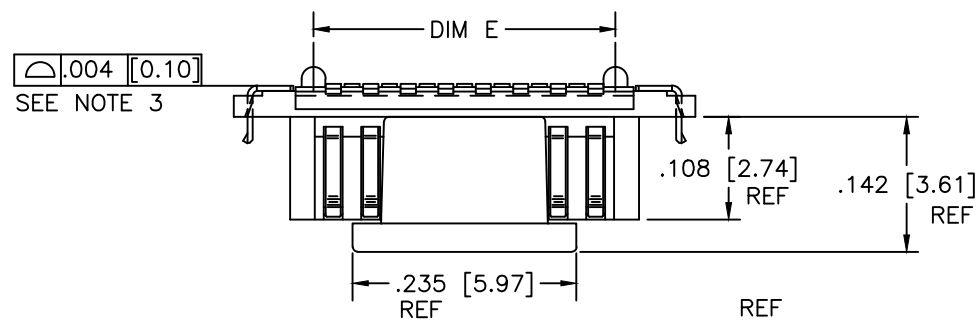
RECOMMENDED
STENCIL LAYOUT
FOR RECEPTACLE

mat'l. code				surface ISO 1302 ☒	tolerance ISO 406 ISO 1101	projection 	product family CONAN [®]			
ltr	ecn no	dr	date	tolerances unless otherwise specified		INCH/MM	title CONAN [®] CONNECTOR ASSEMBLY			
c				angles	linear					
							dwg no 10118744			
				0° $\pm$ 2°		scale 5:1				
				dr	J.ZHOU	2011-07-20	sheet 3 of 7 size A3			
				enr	J.ZHOU	2011-07-20				
				chr	J.ZHOU	2011-07-20	type Product Customer Drawing			
				appd	R.BIAN	2011-07-20				
sheet index	revision sheet									

PRODUCT NUMBER
SEE TABLE



PLUG

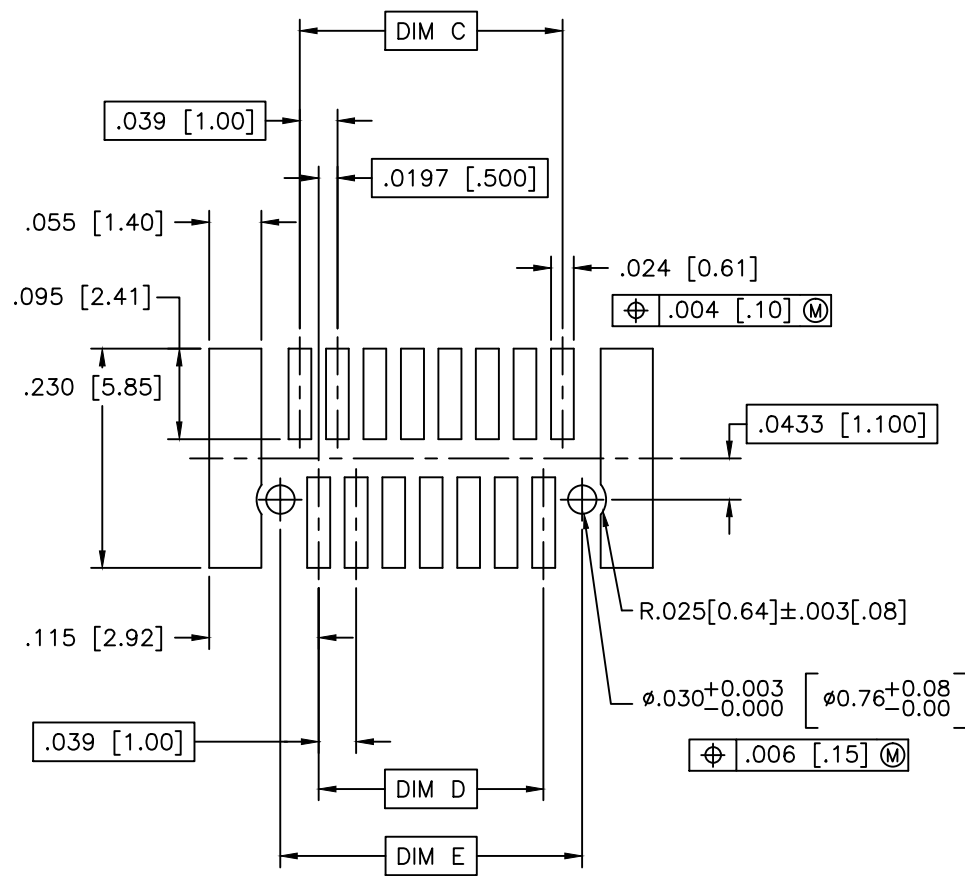
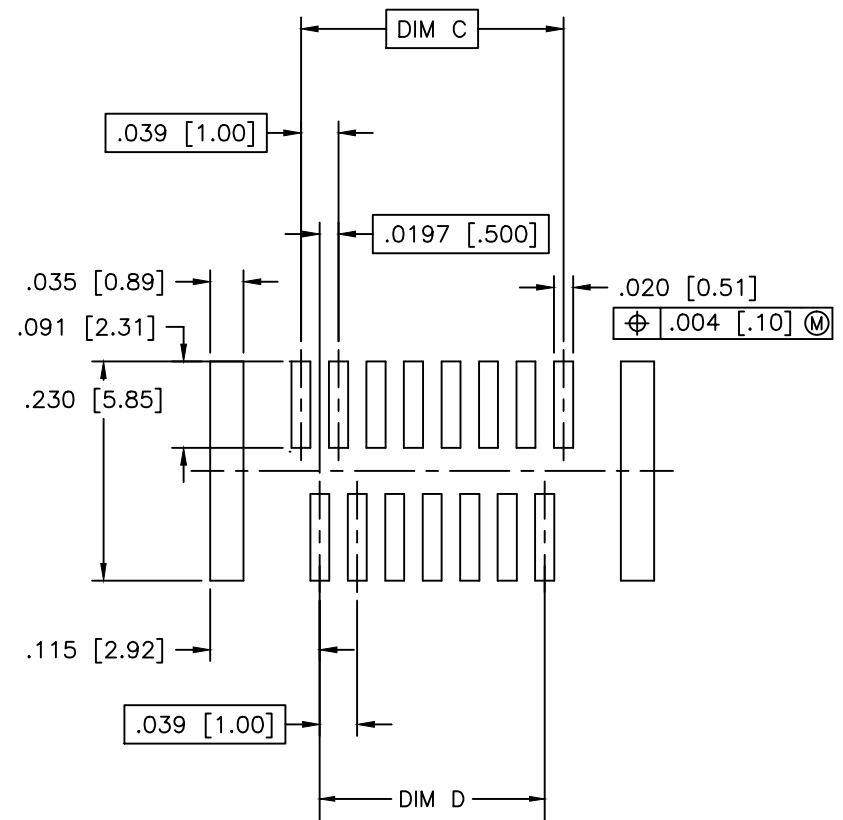


mat'l. code				surface ISO 1302	tolerance ISO 406 ISO 1101	projection INCH/MM	product family CONAN®
ltr	ecn no	dr	date	tolerances unless otherwise specified		scale 5:1	title CONAN® CONNECTOR ASSEMBLY
c				angles	linear		
				0° ± 2°			
		dr	J.ZHOU	2011-07-20			dwg no
		enr	J.ZHOU	2011-07-20			10118744
		chr	J.ZHOU	2011-07-20			sheet 4 of 7 size
		appd	R.BIAN	2011-07-20			A3
sheet index	revision sheet						type Product Customer Drawing



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PRODUCT NUMBER
SEE TABLERECOMMENDED
PAD LAYOUT
FOR PLUGRECOMMENDED
STENCIL LAYOUT
FOR PLUG

mat'l. code				surface ISO 1302	tolerance ISO 406 ISO 1101	projection 	product family CONAN®			
ltr	ecn no	dr	date	tolerances unless otherwise specified		INCH/MM scale 5:1	title CONAN® CONNECTOR ASSEMBLY			
c				angles	linear					
				0°±2'						
		dr	J.ZHOU	2011-07-20			dwg no 10118744			
		enr	J.ZHOU	2011-07-20						
		chr	J.ZHOU	2011-07-20			type Product Customer Drawing			
		appd	R.BIAN	2011-07-20						
sheet index	revision sheet									

PRODUCT NUMBER	POS	DIM "A"	DIM "C"	DIM "D"	DIM "E"
10118744-TCWXY09LF	9	.366 [9.30]	.157 [4.00]	.118 [3.00]	.1990 [5.055]
-TCWXY11LF	11	.406 [10.30]	.197 [5.00]	.157 [4.00]	.2380 [6.045]
-TCWXY15LF	15	.484 [12.30]	.276 [7.00]	.236 [6.00]	.3170 [8.052]
-TCWXY21LF	21	.602 [15.30]	.394 [10.00]	.354 [9.00]	.4350 [11.049]
-TCWXY25LF	25	.681 [17.30]	.472 [12.00]	.433 [11.00]	.5140 [13.056]
-TCWXY31LF	31	.800 [20.30]	.591 [15.00]	.551 [14.00]	.6320 [16.053]
-TCWXY41LF	41	.996 [25.30]	.787 [20.00]	.748 [19.00]	.8290 [21.057]
-TCWXY51LF	51	1.193 [30.30]	.984 [25.00]	.945 [24.00]	1.0260 [26.060]
-TCWXY69LF	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 GOLD OR GXT IN CONTACT AREA
AND 100u"/2.54u Sn ON SOLDER LEGS WITH
AN OVERALL 50u"/1.27u Ni UNDERPLATE.

PLUG HOUSING - LCP, UL-94V-0. COLOR: NATURAL.

PLUG TERMINALS - COPPER ALLOY,
PLATED WITH GOLD OR 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-12-0977 FOR PRODUCT PERFORMANCE AND ENVIRONMENTAL RESISTANCE DATA.

3. SEE TA-774 FOR FURTHER DESCRIPTION OF HOW THIS DIMENSION IS APPLIED.

4. RECOMMENDED SOLDER PASTE THICKNESS IS .006 TO .008 INCHES THICK.

5. 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.

6. THREE SLOTS MAY BE LOCATED AT EITHER END OF HOUSING.

7. 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

8. PRODUCT WITH "LF" AT THE END MEETS EUROPEAN UNION DIRECTIVES AND OTHER COUNTRY REGULATION AS DESCRIBED IN GS-22-008.

mat'l. code		surface ISO 1302		tolerance ISO 406 ISO 1101		projection 		product family CONAN®	
ltr	ecn no	dr	date	tolerances unless otherwise specified		INCH/MM		title	
c				angles	linear			CONAN® CONNECTOR ASSEMBLY	
				0°±2'		scale 5:1		dwg no	
				dr	J.ZHOU	2011-07-20		sheet 6 of 7	
				enr	J.ZHOU	2011-07-20		10118744	
				chr	J.ZHOU	2011-07-20		A3	
				appd	R.BIAN	2011-07-20		type	
sheet	revision							Product Customer Drawing	
index	sheet								

PRODUCT NUMBER
SEE TABLE

CONAN® ASSEMBLY PART NUMBER

10118744 - T C W 3 Y ZZ LF

LEAD FREE
SEE NOTE 8

TYPE	T
PLUG WITH PEGS	1
RECEPTACLE WITH PEGS	3

PICK AND PLACE CAP OR TAPE	C
WITH CAP	1

PACKAGING	W
PRESSURE SEALED TAPE & REEL	3

Y	PLUG HEIGHT	RECEPTACLE HEIGHT	MATED HEIGHT
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]

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

EXAMPLE: 10118744-3131125LF
IS A CONAN® RECEPTACLE ASSEMBLY,
HAVING PEGS AND WITH A PICK AND PLACE CAP.
IT IS .13 [3.2] HIGH AND 25 POSITIONS AND IS
PACKAGED IN PRESSURE SEALED TAPE, REEL AND LEAD FREE.

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	$\text{XXX} \pm .01 / \text{XXX} \pm .3$				INCH / MM scale 5:1	CONAN® CONNECTOR ASSEMBLY			
						$\text{XXX} \pm .005 / \text{XXX} \pm .13$								
						$\text{XXX} \pm .0020 / \text{XXX} \pm .05$								
				dr	J.ZHOU	2011-07-20					dwg no		sheet 7 of 7	size
				enr	J.ZHOU	2011-07-20					10118744		A3	
				chr	J.ZHOU	2011-07-20								
				appd	R.BIAN	2011-07-20					type		Product	Customer
sheet index		revision sheet												