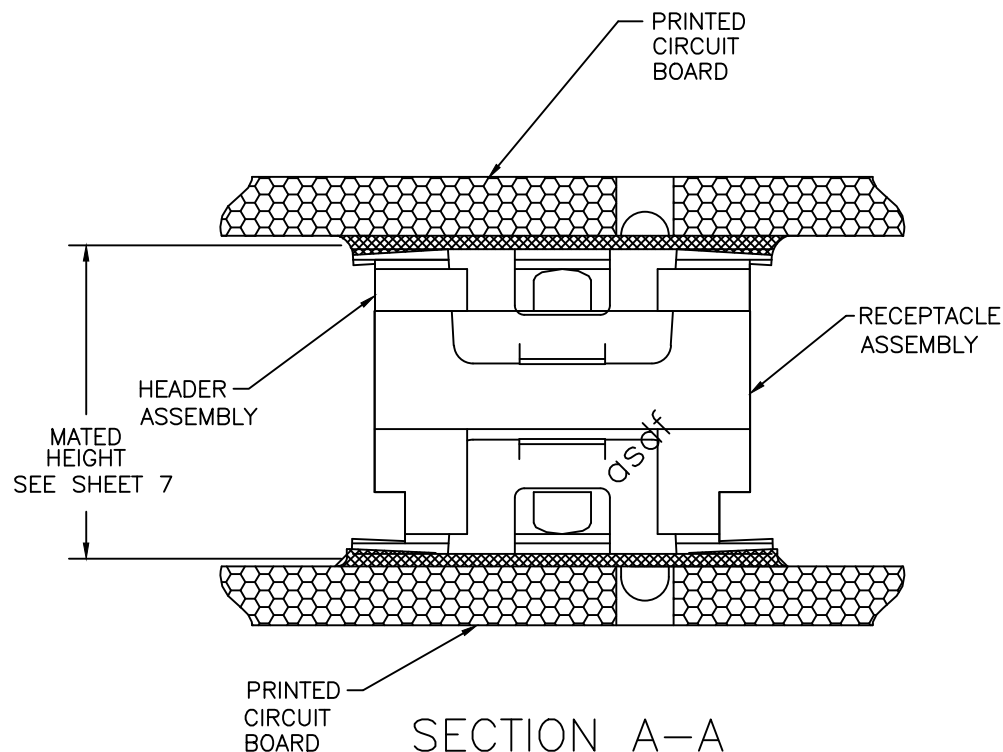
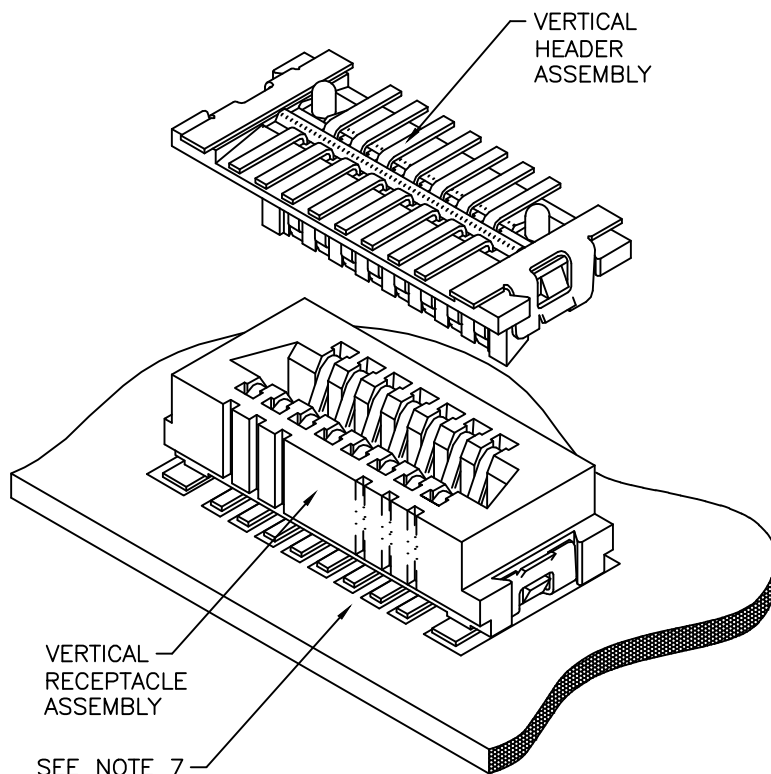


PRODUCT NUMBER
SEE TABLE



SECTION A-A
ROTATED 90°
N.T.S.

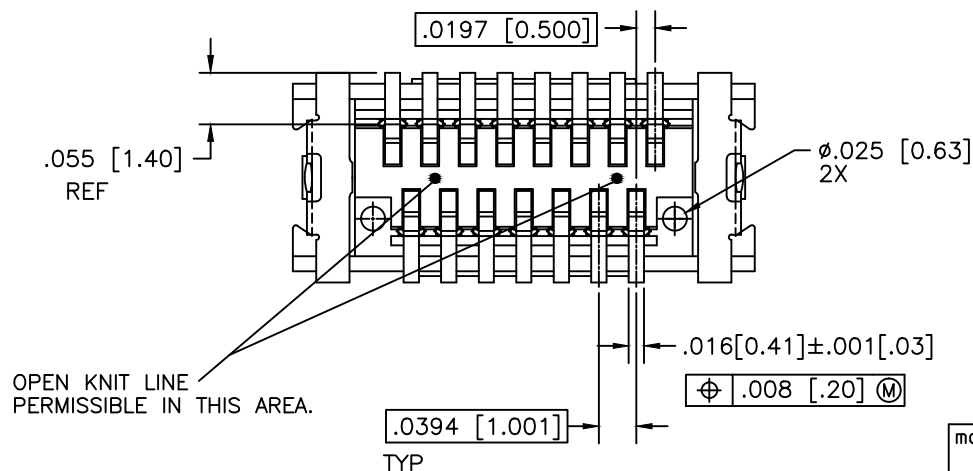
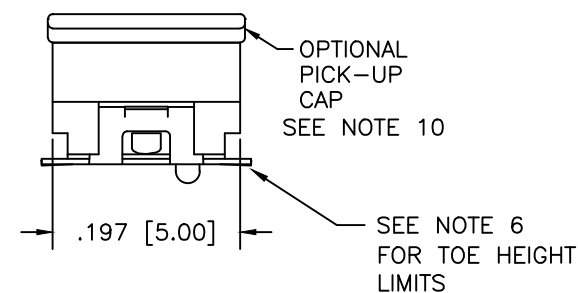
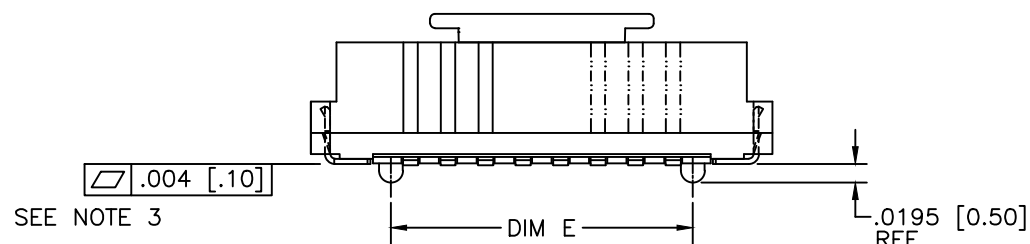
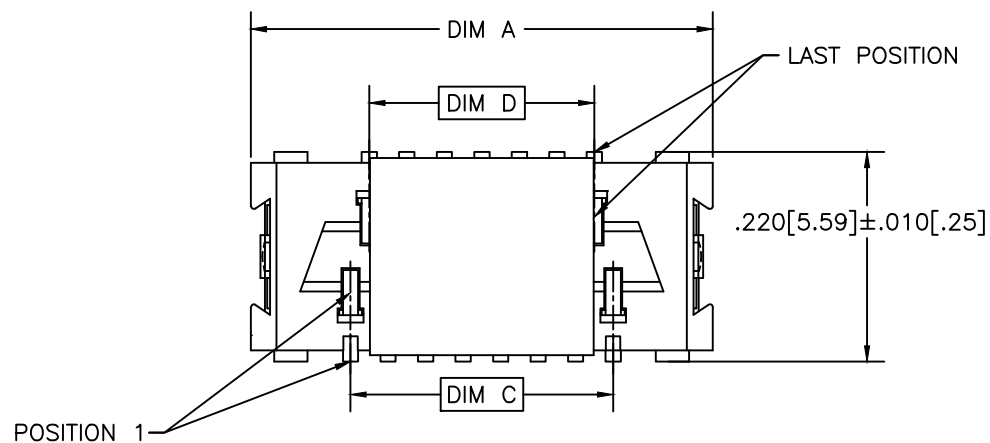
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ltr	ecn no	dr	date	tolerances unless otherwise specified			title
A1	ELX-N-14208	Eric	03/12/15	angles	linear	INCH/MM	CONAN CONNECTOR ASSEMBLY
-	-	-	-	0°±2°		scale 5:1	
				dr	Eric Huang	7/12/15	dwg no
				enr	Eric Huang	7/12/15	sheet 1 of 7
				chr			size
				appd	Tim Yao	7/12/15	A3
sheet	revision	A1	A1	A1	A1	A1	type
index	sheet	1	2	3	4	5	Product Customer Drawing

PDS: Rev :A

STATUS: Released

Printed: Mar 31, 2016

PRODUCT NUMBER
SEE TABLE



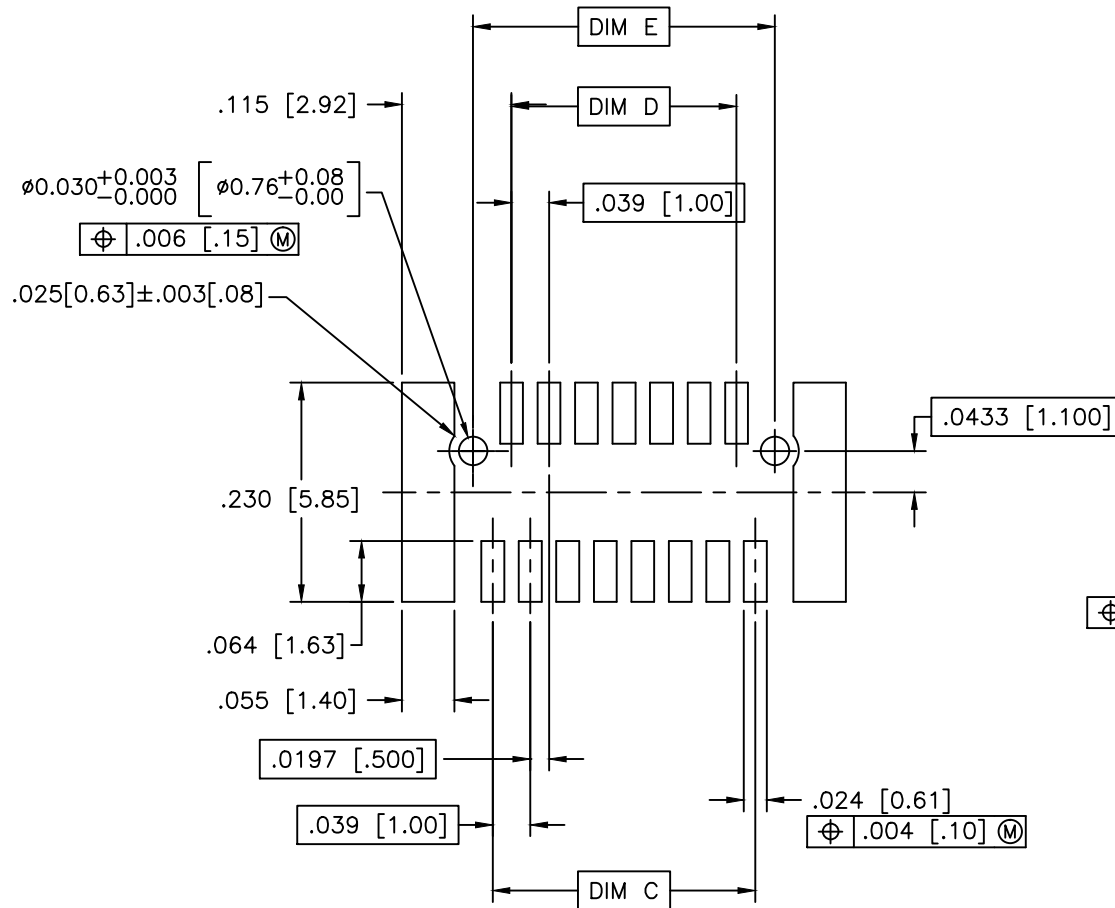
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ltr	ecn no	dr	date	tolerances unless otherwise specified		scale 5:1	title CONAN® CONNECTOR ASSEMBLY
				angles	linear		
					.XX±.01/.XX±0.3		
					.XXX±.005/.XXX±0.13		
				0°±2°	.XXX±.0020/.XXX±0.051	FCI	dwg no 10137985 sheet 2 of 7 size A3
		dr	Eric Huang	7/12/15			
		enr	Eric Huang	7/12/15			
		chr					
		appd	Tim Yao	7/12/15		type Product Customer Drawing	
sheet index	revision sheet						



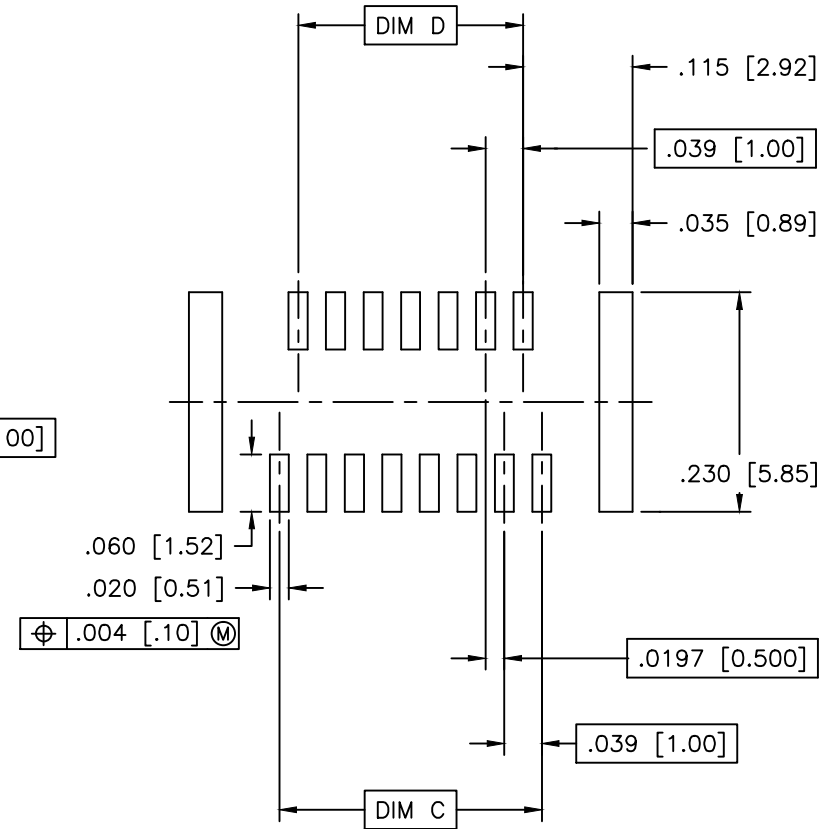
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PRODUCT NUMBER
SEE TABLE



RECOMMENDED
PAD LAYOUT



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 scale 5:1	title CONAN CONNECTOR ASSEMBLY			
				angles	linear					
				0°±2°						
		dr	Eric Huang	7/12/15			dwg no		sheet 3 of 7 size	
		enr	Eric Huang	7/12/15						
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		appd	Tim Yao	7/12/15			type		Product Customer Drawing	
sheet index	revision sheet									

PDS: Rev :A

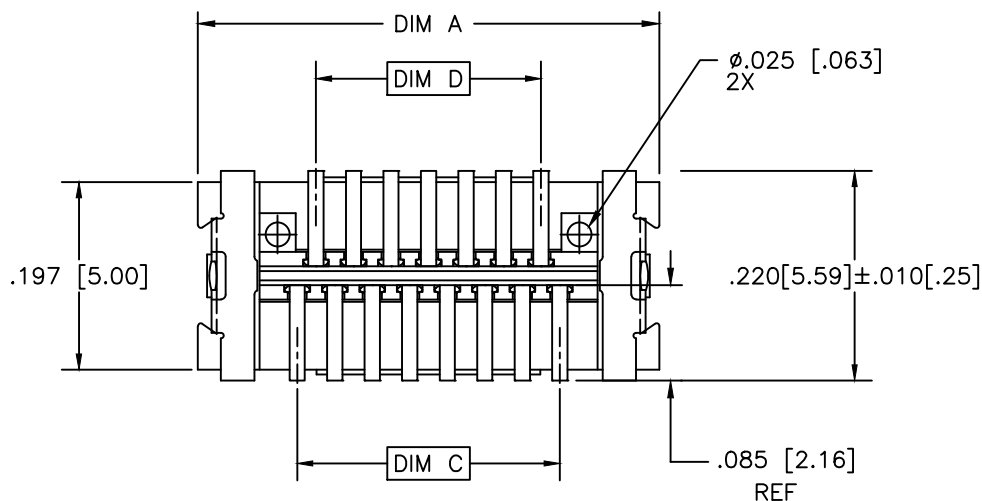
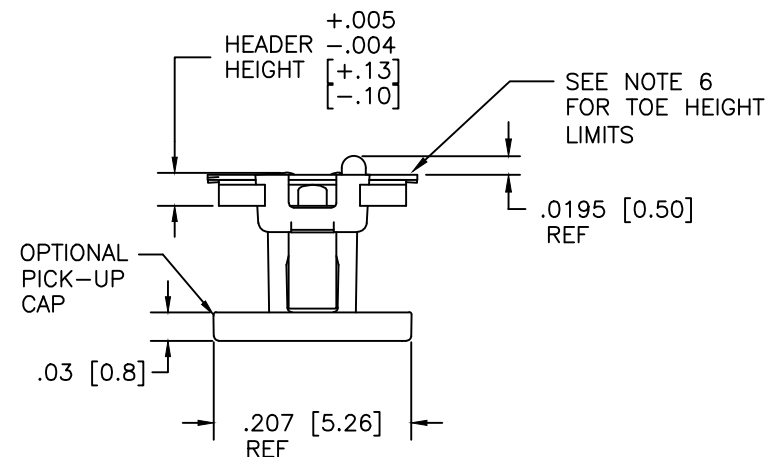
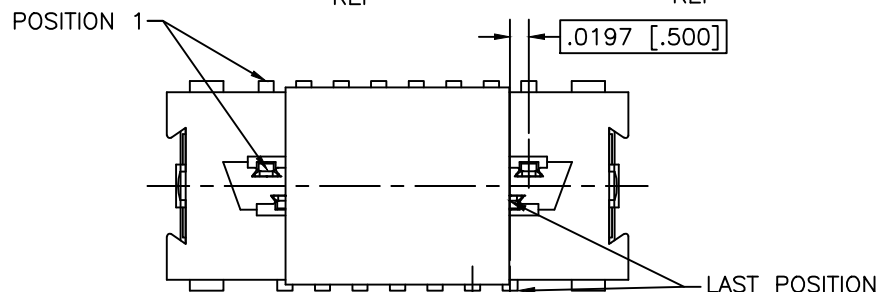
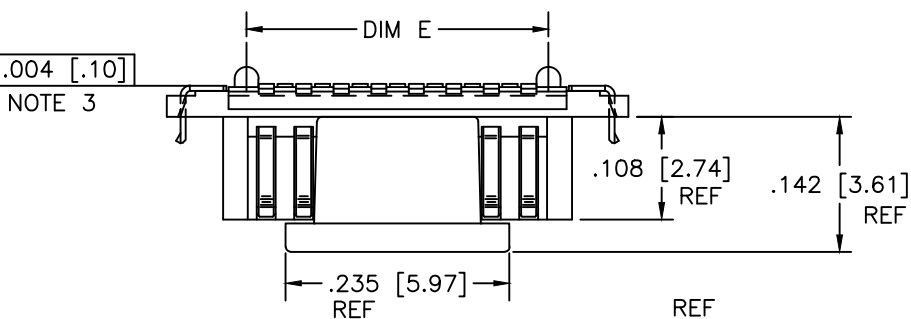
STATUS: Released

Printed: Mar 31, 2016



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PRODUCT NUMBER
SEE TABLE
.004 [.10]
SEE NOTE 3

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ltr	ecn no	dr	date	tolerances unless otherwise specified		INCH/MM	title CONAN CONNECTOR ASSEMBLY	
				angles	linear			
				0° ± 2°		scale 5:1	dwg no 10137985	
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				enr	Eric Huang	7/12/15	sheet 4 of 7 size A3	
				chr				
				appd	Tim Yao	7/12/15	type Product Customer Drawing	
sheet index	revision sheet							

PDS: Rev :A

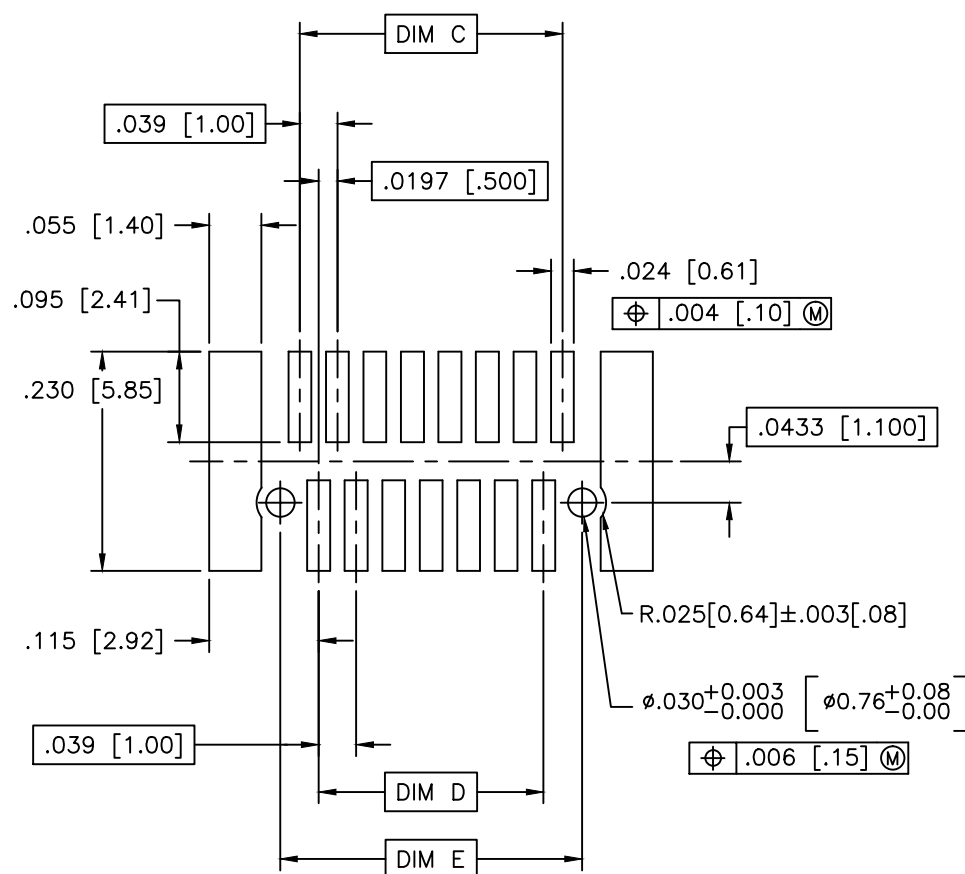
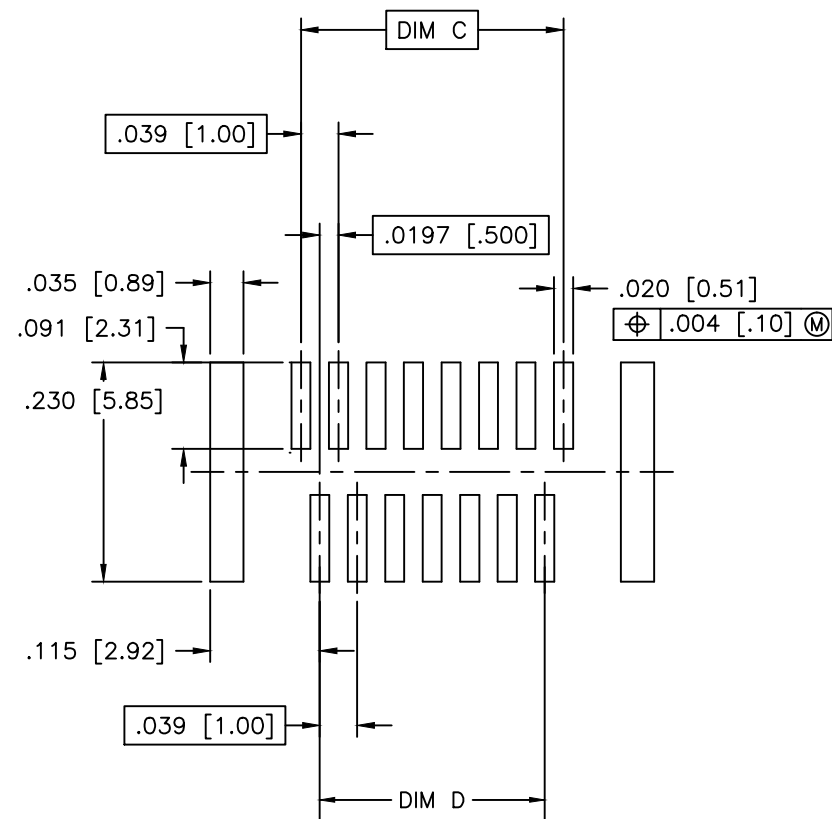
STATUS: Released

Printed: Mar 31, 2016



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PRODUCT NUMBER
SEE TABLERECOMMENDED
PAD LAYOUTRECOMMENDED
STENCIL LAYOUT
FOR HEADER

mat'l. code				surface ISO 1302 <input checked="" type="checkbox"/>	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			
				angles	linear					
				0°±2'						
		dr	Eric Huang	7/12/15			dwg no 10137985			
		enr	Eric Huang	7/12/15						
		chr								
		appd	Tim Yao	7/12/15						
sheet index	revision sheet						type Product Customer Drawing			

PRODUCT NUMBER	POS	DIM "A"	DIM "C"	DIM "D"	DIM "E"
10137985-TCWXY09					
↑					
-TCWXY69	69	1.547 [39.30]	1.339 [34.00]	1.299 [33.00]	1.3800 [35.052]
↓ -TCWXY69LF					

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 IS ONLY AVAILABLE WITH OPTION 3 PACKAGING. (PSA ADHESIVE SEALED). ALSO, PSA PACKAGING REQUIRES A PICK .

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. 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

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

10. CAP P/N 93127 IS ONLY APPLY TO CONAN CONNECTOR 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 scale 5:1 	title CONAN CONNECTOR ASSEMBLY	
				angles	linear		dwg no 10137985	
				0°±2'				
		dr	Eric Huang	7/12/15			sheet 6 of 7	
		enr	Eric Huang	7/12/15			A3	
		chr					type Product Customer Drawing	
		appd	Tim Yao	7/12/15				
sheet index	revision	sheet						



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PRODUCT NUMBER
SEE TABLE

CONAN ASSEMBLY PART NUMBER

10137985 - T C W X Y ZZ LF

LEAD FREE OPTION
SEE NOTE 9

TYPE	T
RECEPTACLE WITH PEGS	3

PICK AND PLACE CAP OR TAPE (NOTE 4)	C
WITH CAP	1

PACKAGING	W
PRESSURE SEALED TAPE & REEL	3

Y	HEADER HEIGHT	RECEPTACLE HEIGHT	MATED HEIGHT
			$\begin{matrix} +.010 \\ -.008 \\ [+ .25] \\ [- .20] \end{matrix}$
1	.034 [.86]	.129 [3.28]	.163 [4.15]

ZZ	NUMBER OF POSITIONS
69	69

X	PLATING
1	15u"/.38u GXT™

EXAMPLE: 10137985-2131125LF
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.

mat'l. code				surface ISO 1302	tolerance ISO 406 ISO 1101	projection 	product family CONAN			
ltr	ecn no	dr	date	tolerances unless otherwise specified		 scale 5:1	title CONAN CONNECTOR ASSEMBLY			
				angles	linear		dwg no 10137985			
				0'±2'						
				dr	Eric Huang	7/12/15	sheet 7 of 7 size A3			
				enr	Eric Huang	7/12/15				
				chr						
				appd	Tim Yao	7/12/15	type Product Customer Drawing			
sheet index	revision sheet									