

Excellent Integrated System Limited

Stocking Distributor

Click to view price, real time Inventory, Delivery & Lifecycle Information:

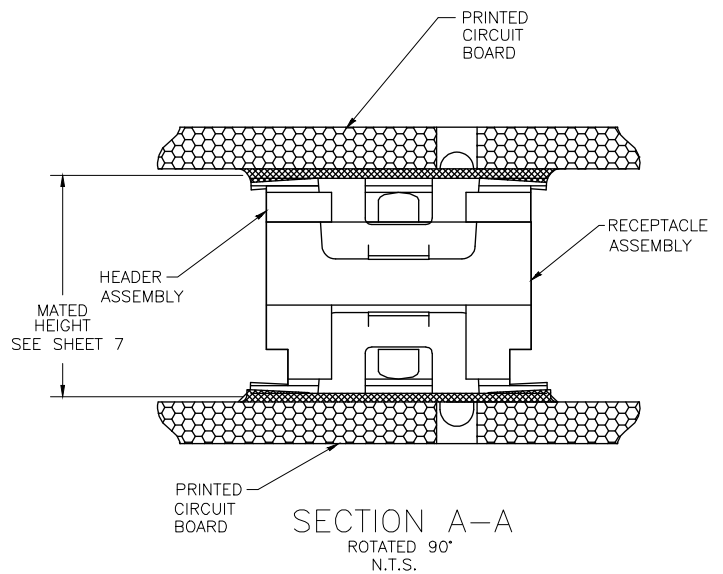
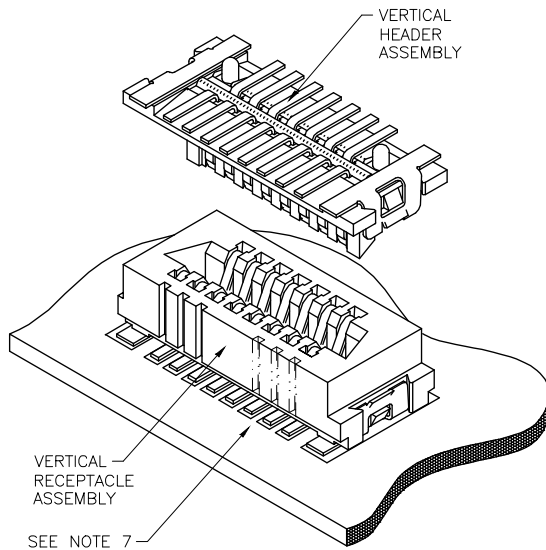
[FCI](#)

[10086244-0021125](#)

For any questions, you can email us directly:

sales@integrated-circuit.com

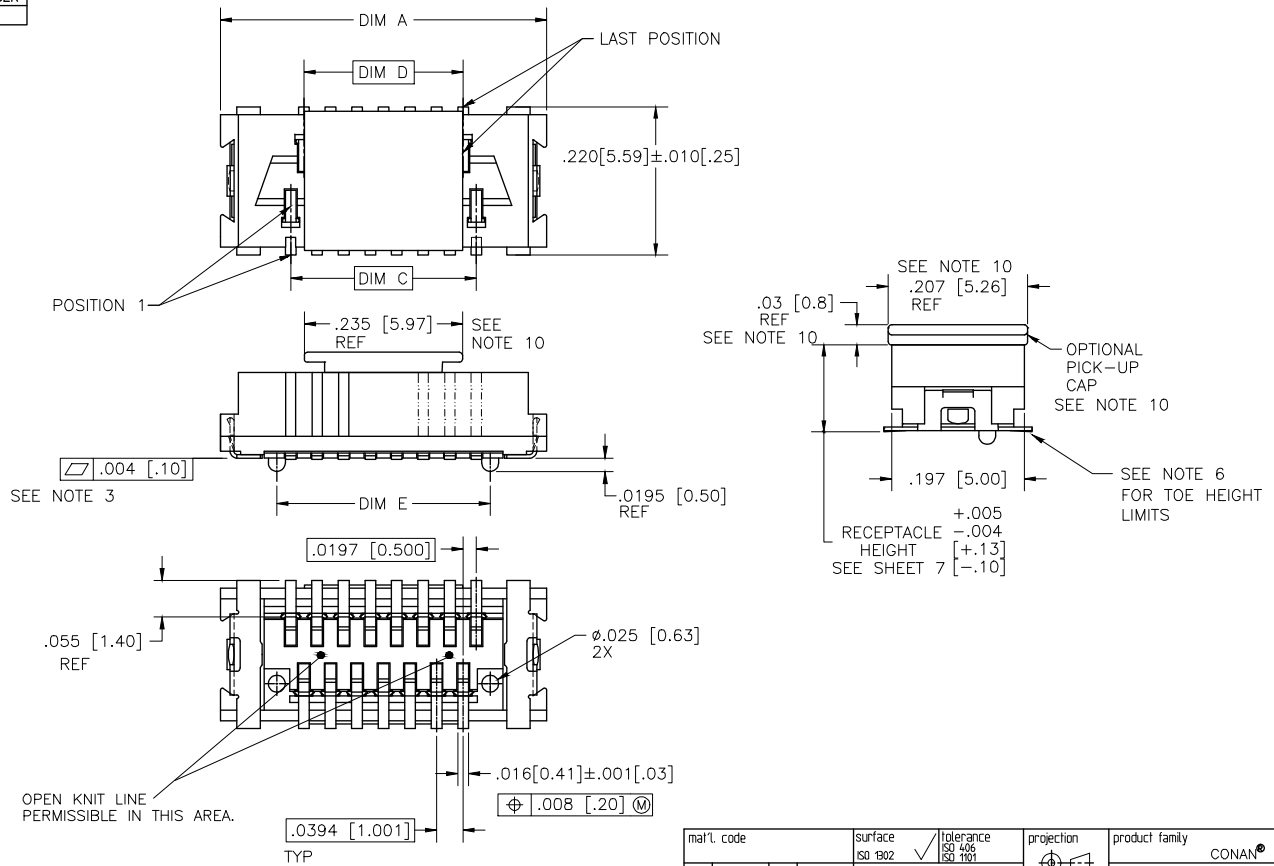
PRODUCT NUMBER
SEE TABLE



mat'l. code				surface ISO 1902	tolerance ISO 406 ISO 1101	projection ISO 1001	product family CONAN®		
ltr	ecn no	dr	date	tolerances unless otherwise specified		INCH/MM	title CONAN® LEADED CONNECTOR		
A	M08-0040	AGS	01/31/08	angles	linear				
B	ELX-N-14211	GM	03/07/13	0°±2°	.XX±.01/0.3 .XXX±.005/0.13 .XXXX±.0020/0.051	scale 5:1	dwg no 10086244		
				dr	A. GARCIA	01/31/08	sheet 1 of 7		
				engr	C.MARTINEZ	01/31/08	size A3		
				chr	C.MARTINEZ	01/31/08	type Product Customer Drawing		
				appd	C.MARTINEZ	01/31/08			
sheet index	revision sheet	B	B	B	B	B			
		1	2	3	4	5			

4 PDS: Rev :B STATUS: Released Printed: Mar 08, 2013

PRODUCT NUMBER
SEE TABLE



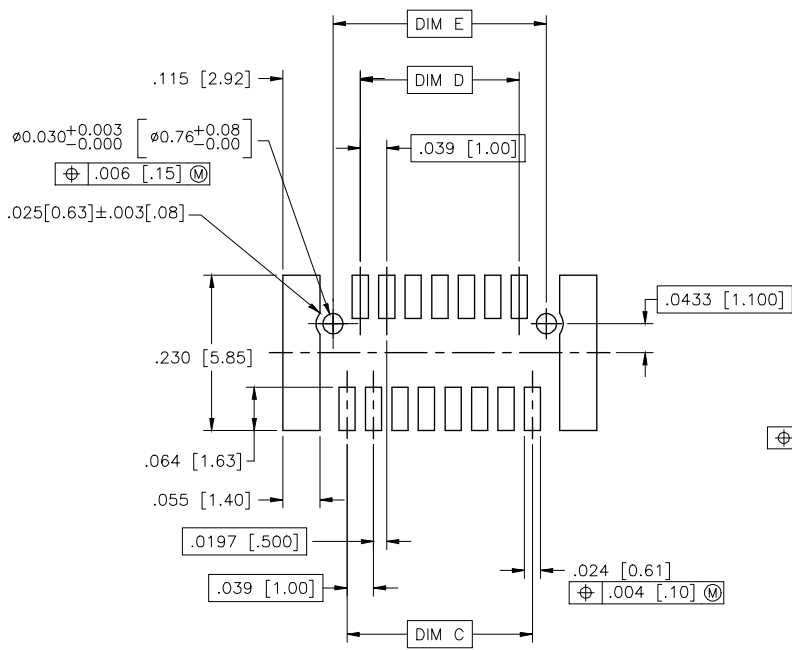
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ltr	ecm no	dr	date	tolerances unless otherwise specified		scale 5:1	title
B				angles	linear		CONAN® LEADED CONNECTOR
				0°±2°	.XXX±.01/0.3 .XXX±.005/0.13 .XXX±.0020/0.051		dwg no
				dr	A. GARCIA	01/31/08	sheet 2 of 7
				engr	C.MARTINEZ	01/31/08	size
				chr	C.MARTINEZ	01/31/08	A3
				appd	C.MARTINEZ	01/31/08	type
sheet index	revision sheet						Product Customer Drawing

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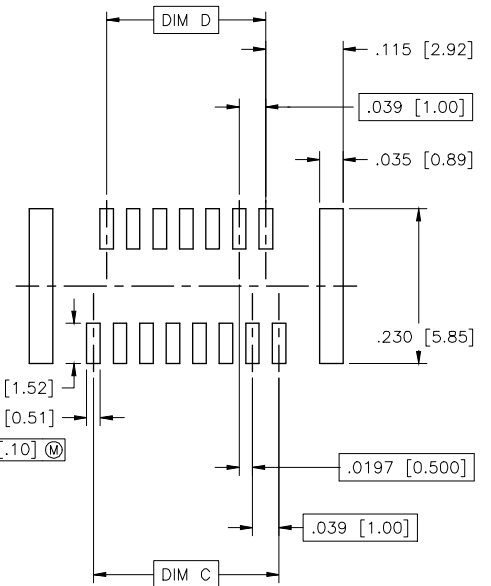
STATUS Released

Printed: Mar 08, 2013

PRODUCT NUMBER
SEE TABLE



RECOMMENDED
PAD LAYOUT



RECOMMENDED
STENCIL LAYOUT
FOR RECEPTACLE

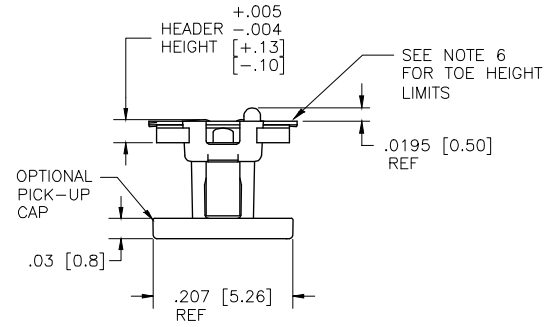
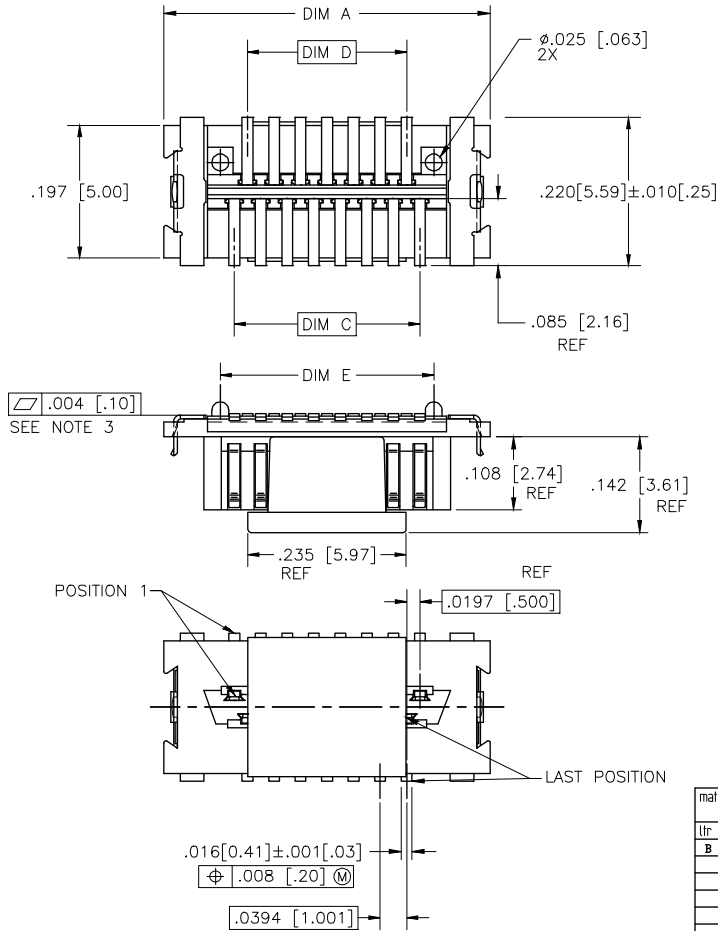
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ltr	ecm no	dr	date	title
B				CONAN® LEADED CONNECTOR
				dwg no
				10086244
				type
				Product Customer Drawing
sheet	revision			
index	sheet			

4 PDS: Rev :B

STATUS: Released

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SEE TABLE



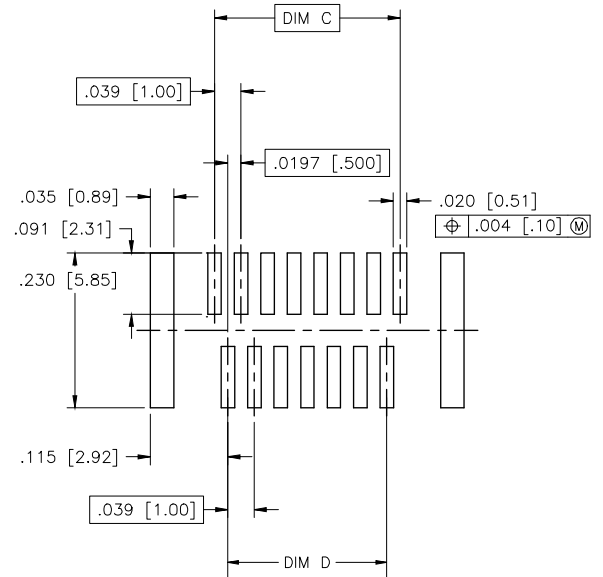
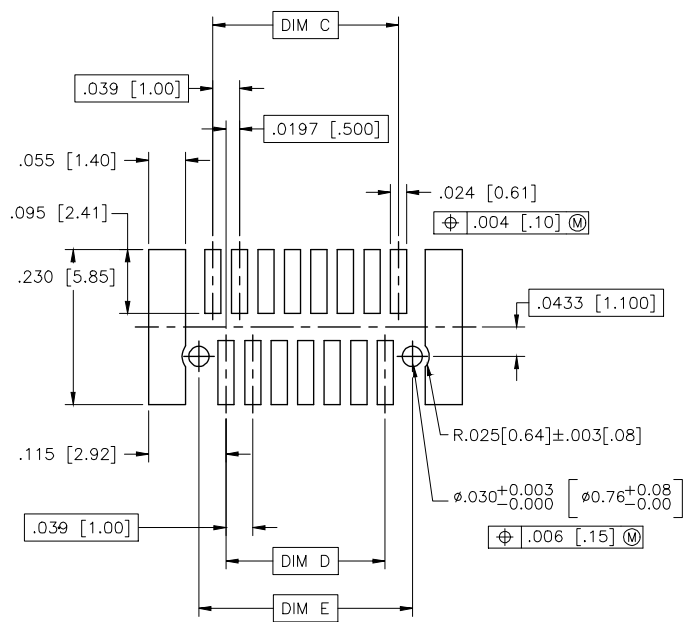
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ltr	ecm no	dr	date	tolerances unless otherwise specified	INCH/MM	title	CONAN® LEADED CONNECTOR
B				angles	linear	scale	5:1
				0° ± 2°	linear	scale	5:1
				dr	A. GARCIA	01/31/08	
				engr	C. MARTINEZ	01/31/08	
				chr	C. MARTINEZ	01/31/08	
				appd	C. MARTINEZ	01/31/08	
sheet	revision						
index	sheet						

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PRODUCT NUMBER
SEE TABLE



mat'l. code	surface ISO 1902	tolerance ISO 406 ISO 1101	projection	product family
ltr	ecm no	dr	date	CONAN®
B				title
				CONAN® LEADED CONNECTOR
				dwg no
				10086244
				sheet 5 of 7
				size
				A3
				type
				Product Customer Drawing
sheet index	revision sheet			

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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:

- 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.
- REFERENCE GS-12-006 FOR PRODUCT PERFORMANCE DATA.
- SEE TA-774 FOR FURTHER DESCRIPTION OF
HOW THIS DIMENSION IS APPLIED.
- 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.
- RECOMMENDED SOLDER PASTE THICKNESS IS
.006 TO .008 INCHES THICK.
- THE TIE 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.
- THREE SLOTS MAY BE LOCATED AT EITHER END OF
HOUSING.
- 5.50mm MATED HEIGHT IS ONLY AVAILABLE
IN 9, 15 AND 31 POS.
- 7.50mm MATED HEIGHT IS ONLY AVAILABLE
IN 9 POS.
- APPLIES TO 91921-3XYZZ AND
91931- 3XYZZ OPTIONS ONLY.
- 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 1902	tolerance ISO 406 ISO 1101	projection	product family CONAN [®]
ltr	ecn no	dr	date	title
B				CONAN [®] LEADED CONNECTOR
				dwg no
				10086244
				sheet 6 of 7
				size A3
				type Product Customer Drawing
sheet index	revision sheet			

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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	+ .010 - .008 [+.25] [-.20]
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]	
6	.088 [2.23]		.216 [5.50]	
7	.1665 [4.229]		.296 [7.52]	

*
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* 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 1902	tolerance ISO 406 ISO 1101	projection	product family CONAN®
ltr	ecm no	dr	date	title
B				CONAN® LEADED CONNECTOR
				dwg no
				10086244
				sheet 7 of 7
				size A3
				type
				Product Customer Drawing
sheet index	revision sheet			

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