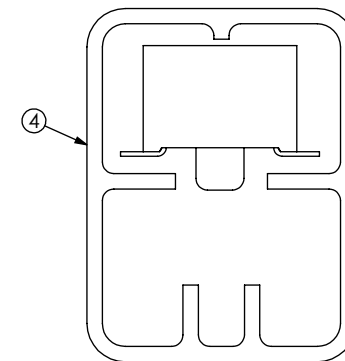
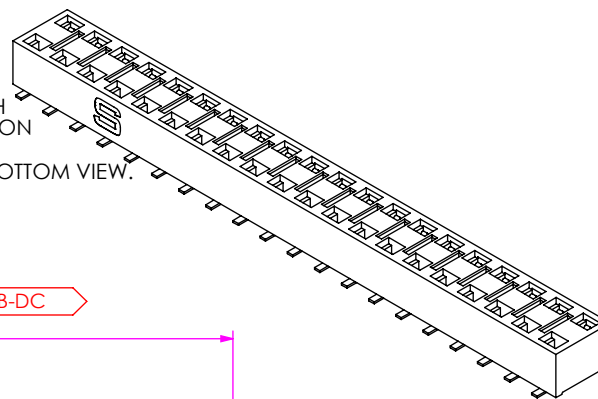


REVISIONS

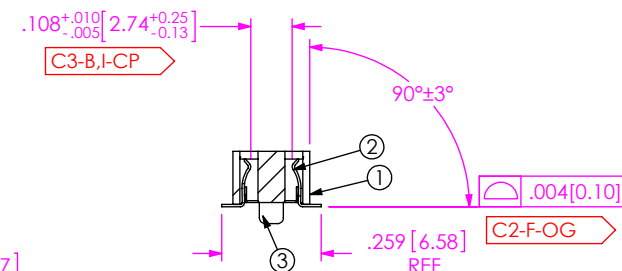
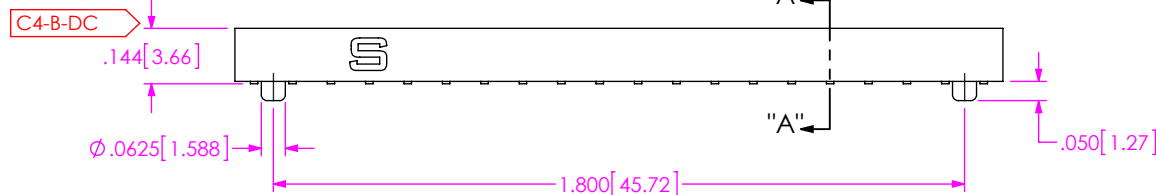
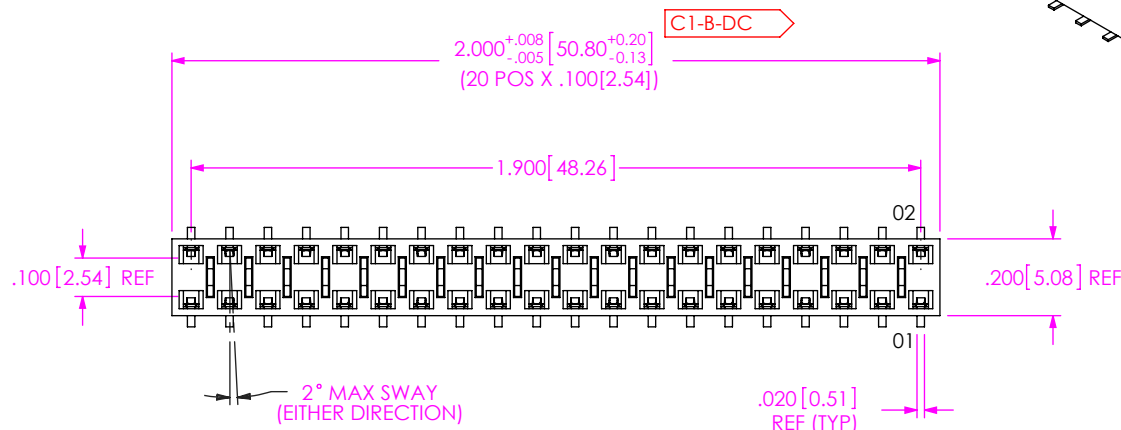
A	MM	P MASON
8/12/2014	ECN-234115	
RELEASE FOR PRODUCTION		

NOTES:

1. SET UP FOR TRACEABILITY.
2. [C-X-XX] REPRESENTS A CRITICAL DIMENSION.
3. CUT ASSEMBLIES AFTER FILL. CUT FLASH TO BE .010 MAX WITH NO FLASH ALLOWED IN HOLES OR EXTENDING BELOW LEADS. WILL LOSE A POSITION FOR EVERY CUT MADE ON A SOCKET STRIP.
4. ENDWALL THICKNESS: .030+/- .005 [.76+/- .13] TO BE MEASURED FROM BOTTOM VIEW.
5. MAXIMUM BURR ALLOWANCE: .003 [.08].
6. MINIMUM PULLOUT FORCE: 12 OZ.
7. PARTS TO BE PACKAGED IN TUBES.



PACKAGING VIEW



SECTION "A"-"A"

BY SIGNING THIS DOCUMENT YOU ARE ACCEPTING THE CONDITIONS SET WITHIN. YOUR REQUIREMENTS MUST BE LISTED WITHIN THIS DRAWING. WHERE NO DIRECTION FROM THE CUSTOMER IS IDENTIFIED SAMTEC'S PROCESS REQUIREMENTS WILL BE USED.

DATE: _____
COMPANY: _____
CUSTOMER SIGNATURE: _____
PRINTED NAME: _____
PHONE NO: _____
EXCEPTIONS: _____

ITEM NO.	PART NUMBER	QUANTITY	MATERIAL
1	RHLE-50-DBE	.50000	VECTRA E130i
2	C-132-12-F	42.000	BeCu, 190 HM (TM04)
3	SM-A10H	2.0000	BRASS, 1/2 HARD, COMP 22
4	PT-1-24-01-64	.09091	ANTI-STATIC PVC
5	TP-03	.18182	THERMOPLASTIC RUBBER

TOBY
THE VITAL COMPONENT

UNLESS OTHERWISE SPECIFIED, DIMENSIONS ARE IN INCHES. TOLERANCES ARE:

DECIMALS ANGLES
.XX: ±.01 [.3]
.XXX: ±.005 [.13]
.XXXX: ±.0020 [.051]

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DO NOT SCALE DRAWING

SHEET SCALE: 2:1

PLATING:
CONTACT AREA: .000003 GOLD OVER .000050 NICKEL
REMAINDER: .000200 REF TIN OVER .000050 NICKEL

F:\DWG\SW\Ref\182000\REF-182665-01.SLDDRW

samtec

520 PARK EAST BLVD, NEW ALBANY, IN 47150
PHONE: 812-944-6733 FAX: 812-948-5047
e-Mail: info@SAMTEC.com code 55322

DESCRIPTION: [2.54] .100 TIGER BEAM SOCKET ASSEMBLY

DWG. NO. REF-182665-01

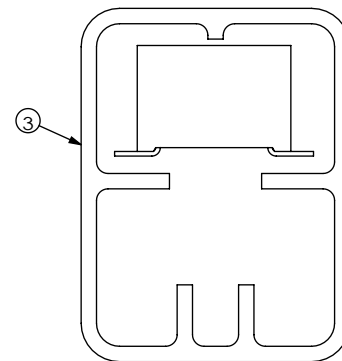
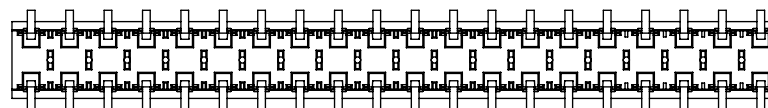
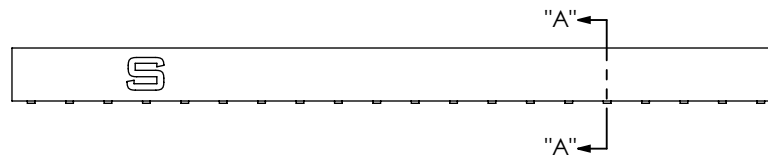
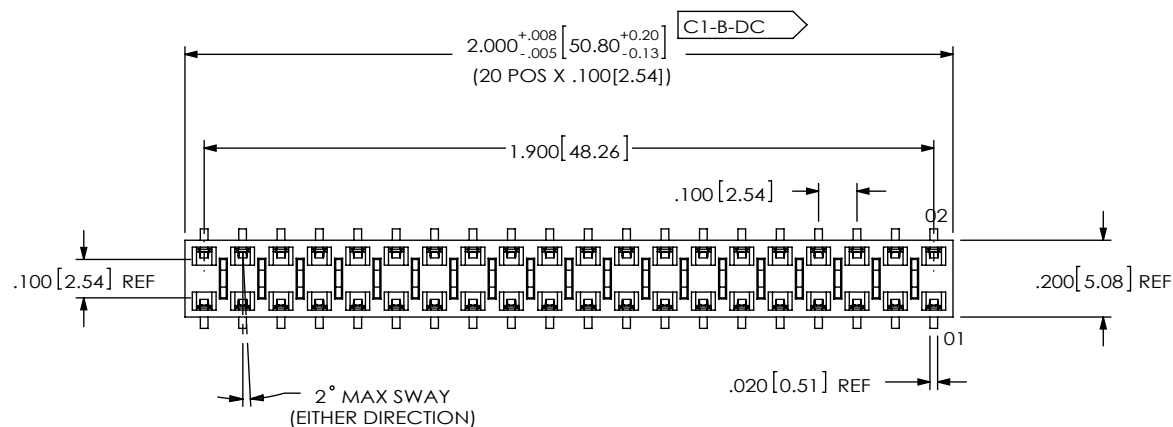
BY: M MORA 08/12/2014 SHEET 1 OF 1

REVISIONS

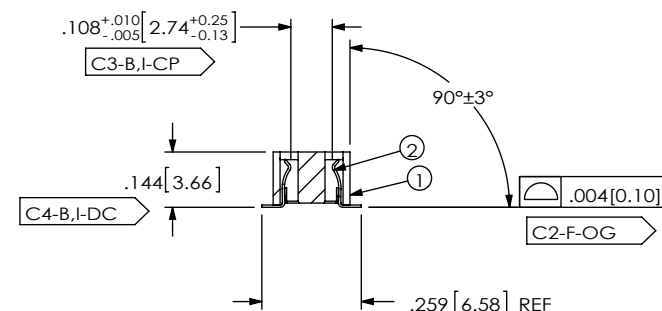
A	SW	P MASON
8/11/2014	ECN-234087	
RELEASE FOR PRODUCTION		

NOTES:

1. SET UP FOR TRACEABILITY.
2. [C-X-X-XX] REPRESENTS A CRITICAL DIMENSION.
3. MAXIMUM CUT FLASH: .010[0.25].
4. MAXIMUM BURR ALLOWANCE: .003[0.08].
5. MINIMUM PULLOUT FORCE: 12 OZ.
6. PARTS TO BE PACKAGED IN TUBES.



PACKAGING VIEW



SECTION "A"-"A"

BY SIGNING THIS DOCUMENT
YOU ARE ACCEPTING THE
CONDITIONS SET WITHIN.
YOUR REQUIREMENTS MUST BE
LISTED WITHIN THIS DRAWING.
WHERE NO DIRECTION FROM THE
CUSTOMER IS IDENTIFIED
SAMTEC'S PROCESS
REQUIREMENTS WILL BE USED.

DATE: _____
COMPANY: _____
CUSTOMER SIGNATURE: _____
PRINTED NAME: _____
PHONE No.: _____
EXCEPTIONS: _____

UNLESS OTHERWISE SPECIFIED,
DIMENSIONS ARE IN INCHES.
TOLERANCES ARE:

DECIMALS ANGLES
.XX: ±.01[.3] 2°
.XXX: ±.005[.13]
.XXXX: ±.0020[.051]

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PURPOSE OTHER THAN THAT WHICH IT WAS
OBTAINED WITHOUT THE EXPRESSED WRITTEN
CONSENT OF SAMTEC, INC.

DO NOT SCALE DRAWING

SHEET SCALE: 2:1

PLATING:
CONTACT AREA: .000003 GOLD OVER .000050 NICKEL
REMAINDER: .000200 REF TIN OVER .000050 NICKEL

samtec

520 PARK EAST BLVD., NEW ALBANY, IN 47150
PHONE: 812-944-6733 FAX: 812-948-5047
e-Mail: info@SAMTEC.com code 55322

DESCRIPTION:
[2.54] .100 TIGER BEAM SOCKET ASSEMBLY

DWG. NO.
REF-182665-03

BY: SHERRY W 08/12/2014 SHEET 1 OF 1



ITEM NO.	PART NUMBER	QUANTITY	MATERIAL
1	RHLE-50-DBE	.50000	VECTRA E130i
2	C-132-12-F	40.000	BeCu, 190 HM (TM04)
3	PT-1-24-01-64	.09091	ANTI-STATIC PVC
4	TP-03	.18182	THERMOPLASTIC RUBBER

F:\DWG\SW\Ref\182000\REF-182665-03.SLDDRW

REVISION

0	MM	P MASON
8/13/2014	ECN-234234	
ISSUE FOR REVIEW		
1	JB	P MASON
9/11/2014	ECN-235931	
ADD RECOMMENDED PCB LAYOUT		

NOTES:

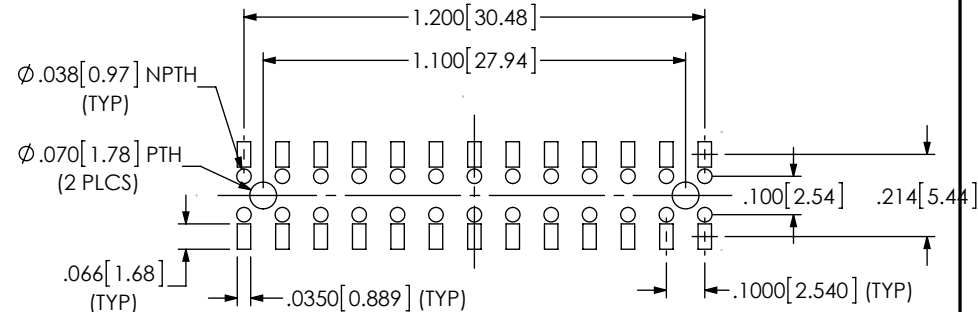
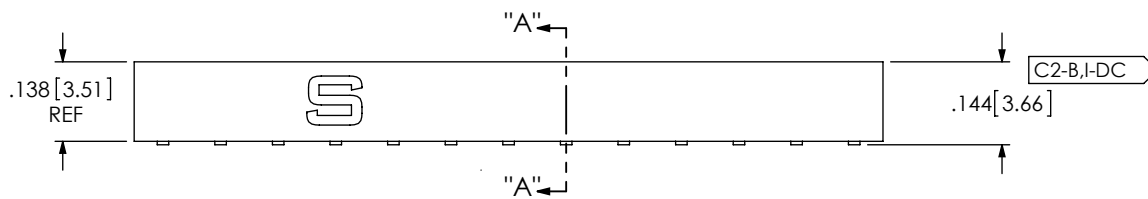
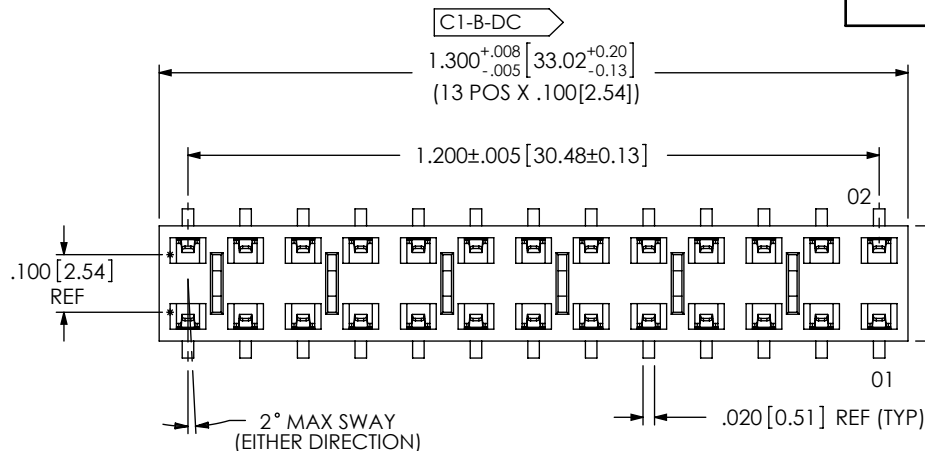
- 1. PARTS SET UP FOR TRACEABILITY.**
- 2. [CX-X-XX] REPRESENTS A CRITICAL DIMENSION.**
- 3. MINIMUM PULL OUT FORCE: 12 OZ**
- 4. MAXIMUM BURR ALLOWANCE: .003[0.08]**
- 5. CUT ASSEMBLIES AFTER FILL. CUT FLASH TO BE .010 MAX WITH NO FLASH ALLOWED IN HOLES OR EXTENDING BELOW LEADS. WILL LOSE A POSITION FOR EVERY CUT MADE ON A SOCKET STRIP.**
- 6. ENDWALL THICKNESS: .030±.005[0.76±0.13] TO BE MEASURED FROM BOTTOM VIEW.**
- 7. PARTS TO BE PACKAGED IN TUBES**

**NOT RELEASED
FOR PRODUCTION**

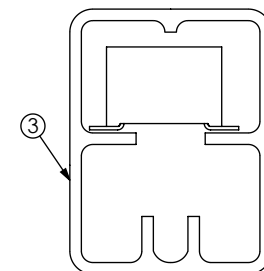
USE FOR QUOTING, PRELIMINARY
DESIGN, PROTOTYPING AND
INFORMATIONAL PURPOSES ONLY

BY SIGNING THIS DOCUMENT
YOU ARE ACCEPTING THE
CONDITIONS SET WITHIN.
YOUR REQUIREMENTS MUST BE
LISTED WITHIN THIS DRAWING.
WHERE NO DIRECTION FROM THE
CUSTOMER IS IDENTIFIED
SAMTEC'S PROCESS
REQUIREMENTS WILL BE USED.

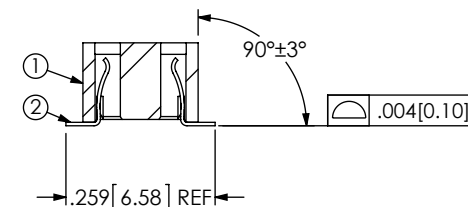
DATE: _____
COMPANY: _____
CUSTOMER SIGNATURE: _____
PRINTED NAME: _____
PHONE No.: _____
EXCEPTIONS: _____



1 RECOMMENDED PCB LAYOUT



PACKAGING VIEW



SECTION "A"- "A"

UNLESS OTHERWISE SPECIFIED,
DIMENSIONS ARE IN INCHES.

TOLERANCES ARE:

DECIMALS ANGLES
.XX: ±.01 [.3]
.XXX: ±.005 [.13]
.XXXX: ±.0020 [.051]
2°

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CONSENT OF SAMTEC, INC.

samtec

520 PARK EAST BLVD., NEW ALBANY, IN 47150
PHONE: 812-944-6733 FAX: 812-948-5047
e-Mail info@SAMTEC.com code 55322

DO NOT SCALE DRAWING

SHEET SCALE: 3:1

PLATING:
CONTACT AREA: .00003 MIN GOLD OVER .000050 NICKEL
REMAINDER: .000200 TIN OVER .000050 NICKEL

DESCRIPTION:

.100 [2.54] TIGER BEAM SOCKET ASSEMBLY

DWG. NO.

REF-182688-03

BY: M MORA

08/13/2014

SHEET 1 OF 1



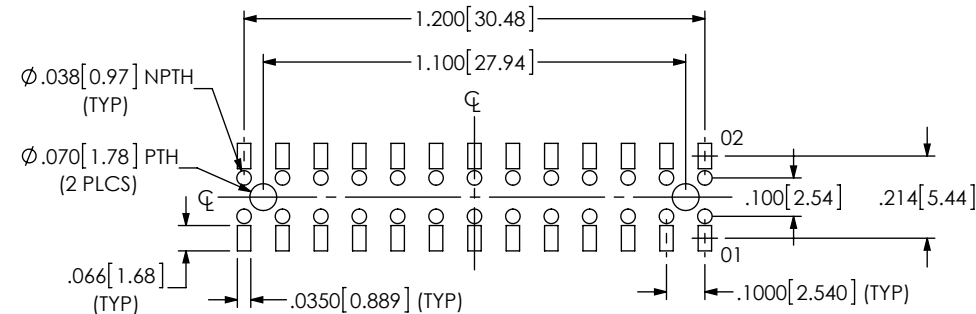
ITEM NO.	PART NUMBER	QUANTITY	MATERIAL
1	RHLE-50-DBE	.33333	VECTRA E130i, COLOR: BLACK
2	C-132-12-F	26.000	BeCu, 190 HM (TM04)
3	PT-1-24-01-64	.05880	ANTI-STATIC PVC
4	TP-03	.11760	THERMOPLASTIC RUBBER

F:\dwg\sw\ref\182000\REF-182688-03.SLDDRW

REVISION

NOTES:

1. **SETUP FOR TRACEABILITY, IS NOT AVAILABLE AS STANDARD.**
2. CX.X-XX REPRESENTS A CRITICAL DIMENSION.
3. MAXIMUM CUT FLASH: .010[0.25]. NO FLASH ALLOWED IN HOLES OR EXTENDING BELOW LEADS. WILL LOSE A POSITION FOR EVERY CUT MADE ON A SOCKET STRIP.
4. MINIMUM PUSHOUT FORCE: 12 OZ
5. ALL IDENTIFICATION MARKS MUST NOT STAND GREATER THAN .002[0.05] OFF THE SURFACE OF THE PART.
6. ENDWALL THICKNESS: .029[0.74]±.003[0.08].
7. SHEAR TAILS TO DIMENSION SHOWN; MAXIMUM BURR ALLOWANCE .003[0.08].
8. PARTS TO BE PACKAGED IN TUBES.



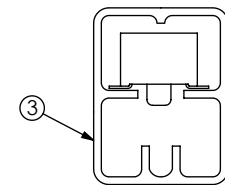
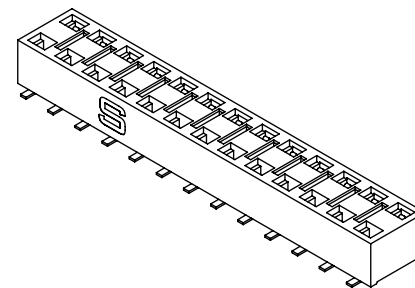
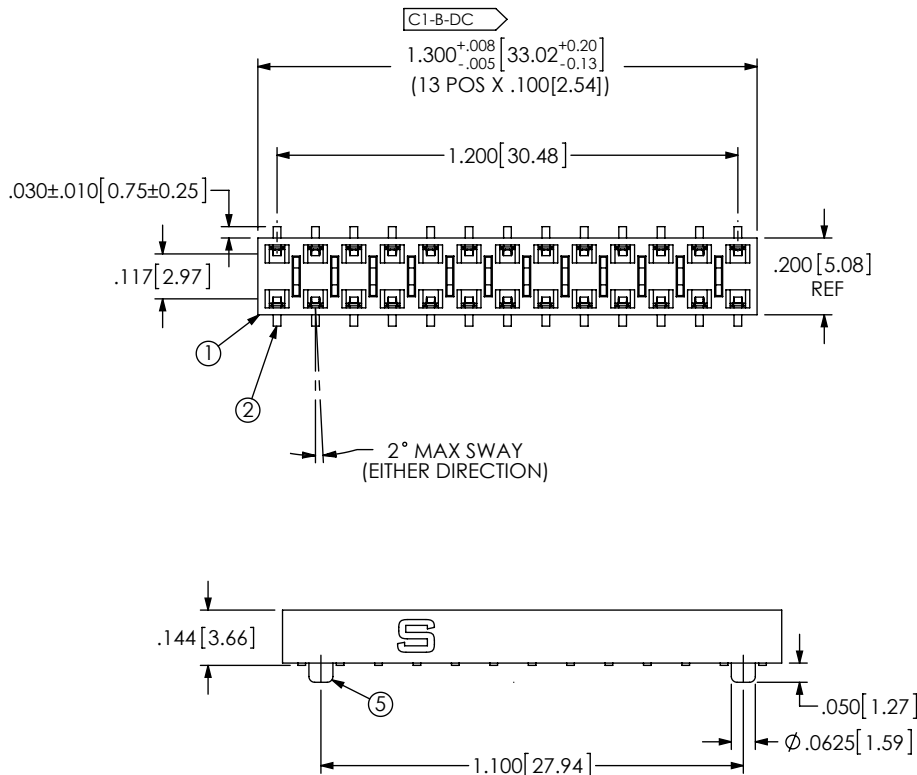
1 RECOMMENDED PCB LAYOUT

**NOT RELEASED
FOR PRODUCTION**

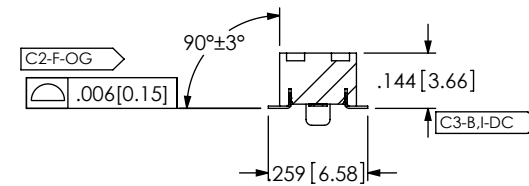
USE FOR QUOTING, PRELIMINARY
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SAMTEC'S PROCESS
REQUIREMENTS WILL BE USED.

DATE: _____
COMPANY: _____
CUSTOMER SIGNATURE: _____
PRINTED NAME: _____
PHONE NO.: _____
EXCEPTIONS: _____



PACKAGING VIEW



UNLESS OTHERWISE SPECIFIED,
DIMENSIONS ARE IN INCHES.
TOLERANCES ARE:
DECIMALS ANGLES
.XX: ±.01 [.3] ±3°
.XXX: ±.005 [.13]
.XXXX: ±.0020 [.051]

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CONSENT OF SAMTEC, INC.

PLATING:
CONTACT AREA: .000003 MIN GOLD OVER .000050 NICKEL
REMAINDER: .000200 REF TIN OVER .000050 NICKEL

DO NOT SCALE DRAWING SHEET SCALE: 2:1

DESCRIPTION: .100 TIGER BEAM SOCKET ASSEMBLY

DWG. NO. REF-182688-01

BY: T WHELAN 08/12/14 SHEET 1 OF 1

F:\dwg\sw\ref\182000\REF-182688-01.slddrw

ITEM NO.	PART NUMBER	QUANTITY	MATERIAL
1	RHLE-50-DBE	.33333	VECTRA E130i
2	C-132-12-F	26.000	BeCu, 190 HM (TM04)
3	PT-1-24-01-64	.05882	ANTI STATIC PVC
4	TP-03	.11764	THRMOPLASTIC RUBBER
5	SM-A10H	2.0000	BRASS ,1/2 HARD