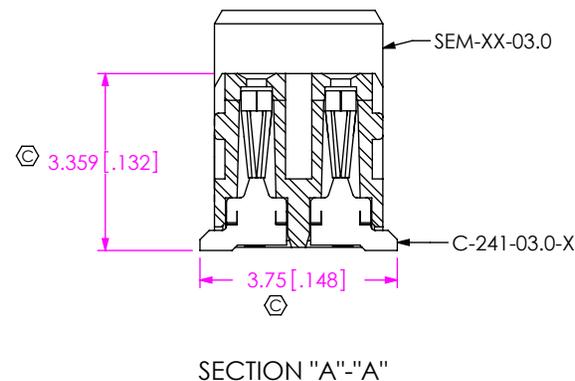
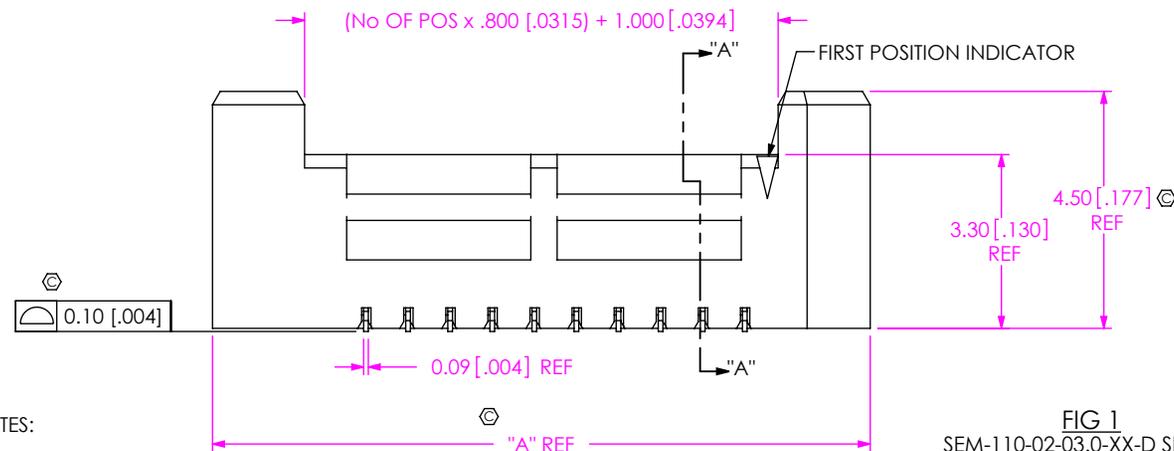
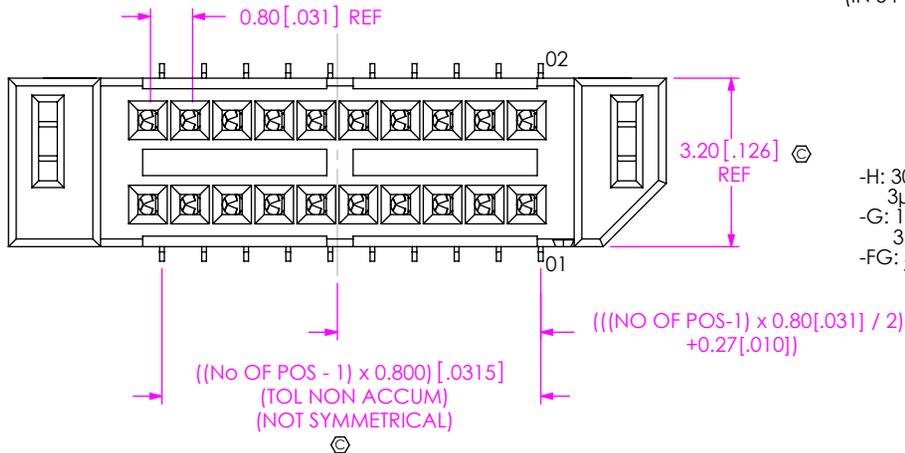


**DESIGNED & DIMENSIONED
IN MILLIMETERS [INCHES]**

TABLE 1	
BODY OPTION	"A"
BLANK	(No OF POS x 0.800[.0315]) + 4.500[.1772]
L	(No OF POS x 0.800[.0315]) + 4.500[.1772]
S	(No OF POS x 0.800[.0315]) + 1.600[.0630]

DO NOT SCALE FROM THIS PRINT



BODY OPTION
 (LEAVE BLANK IF OPTION NOT USED, USE SEM)
 L: FRICTION LOCK (USE SEML)
 S: SLIM (USE SEMS)
 (NOT AVAILABLE WITH -A, -LC, OR -WT)
 (ONLY AVAILABLE WITH -K-TR)

No OF POSITIONS
 -05 THRU -50 (PER ROW)
 (IN 5 POS INCREMENTS)

LEAD STYLE
 -02: SURFACE MOUNT

STACK HEIGHT
 -03.0: 3 MM

PLATING SPECIFICATION
 -H: 30µ" HEAVY GOLD IN CONTACT AREA,
 3µ" GOLD ON TAIL
 -G: 10µ" GOLD IN CONTACT AREA,
 3µ" GOLD ON TAIL
 -FG: 3µ" FLASH GOLD ON ENTIRE
 TERMINAL

PACKAGING

BLANK: TRAYS (SEE NOTE 4)
 -TR: TAPE & REEL
 (SEE NOTE 10 & 11)
 -FR: FULL REEL QTY TAPE & REEL
 (SEE NOTE 10 & 11)

PICK & PLACE PAD

-K: POLYIMIDE FILM
 (USE K-DOT-.138-.250-.005,
 SEE FIG 5, SHT 2)

OPTION

-A: ALIGNMENT PIN (SEE FIG 2, SHEET 2)
 (NOT AVAILABLE WITH -LC OR -WT)
 (NOT AVAILABLE ON SEML OR SEMS)
 -LC: LOCKING CLIP (SEE FIG 3, SHEET 2
 & NOTE 9)
 (NOT AVAILABLE WITH -A OR -WT)
 (NOT AVAILABLE ON SEML OR SEMS)
 -WT: WELD TAB (SEE FIG 4, SHEET 2)
 (NOT AVAILABLE WITH -A OR -LC)
 (STANDARD ON SEML)
 (NOT AVAILABLE ON SEMS)

ROW SPECIFICATION

-D: DOUBLE ROW

NOTES:

- ⊗ REPRESENTS A CRITICAL DIMENSION.
- MINIMUM PUSHOUT FORCE FOR CONTACT, LOCKING CLIP AND WELD TAB: 2.22N.
- HEIGHT VARIATION BETWEEN ANY TWO CONTACTS: 0.13 MAXIMUM.
- PARTS TO BE PACKAGED IN TRAYS UNLESS OTHERWISE SPECIFIED.
- POSITIONS -05 THRU -20 WILL HAVE ONLY ONE FRICTION LOCK.
 POSITIONS -25 THRU -40 WILL HAVE TWO FRICTION LOCKS.
 POSITIONS -45 THRU -50 WILL HAVE THREE FRICTION LOCKS.
- NOTE DELETED.
- NOTE DELETED.
- NOTE DELETED.
- DUE TO HIGH AMOUNT OF INSERTION FORCE NEEDED, THE -LC OPTION IS NOT COMPATIBLE WITH AUTO-PLACEMENT. SAMTEC RECOMMENDS MANUAL PLACEMENT FOR ALL ASSEMBLIES WITH THE -LC OPTION.
- ORDERS WILL BE PACKAGED ACCORDING TO THE SAMTEC PACKAGING EFFICIENCY STANDARDS (SPES) FOUND ON WWW.SAMTEC.COM
- ATTACH LABEL -4X2 TO EACH REEL.

FIG 1
 SEM-110-02-03.0-XX-D SHOWN

UNLESS OTHERWISE SPECIFIED,
 DIMENSIONS ARE IN MILLIMETERS.
 TOLERANCES ARE:
 DECIMALS ANGLES
 X.X: ±0.3 [.01] 2°
 X.XX: ±0.13 [.005]
 X.XXX: ±0.051 [.0020]

MATERIAL: DO NOT SCALE DRAWING
 INSULATOR: VECTRA E130I
 CONTACT: #25 BeCu, HALF HARD
 LOCKING CLIP: PHOS BRONZE 510
 WELD TAB: BRASS ALLOW 260, FULL HARD

SHEET SCALE: 7:1



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 e-Mail info@SAMTEC.com code 55322

DESCRIPTION:
 .8MM TIGER EYE MICRO SOCKET

DWG. NO.
SEM-1XX-XX-XX.X-XX-D-XX-X-XX
 BY: B RAY 10-19-2007 SHEET 1 OF 4

FIG 2
SEM-110-02-03.0-XX-D-A SHOWN
(DIFFERENT AS SHOWN, OTHERWISE SAME AS FIG 1)

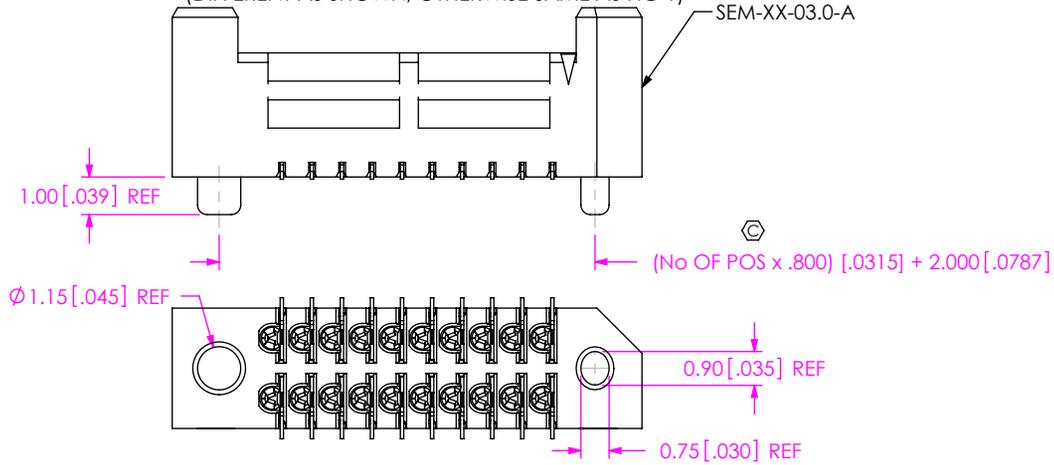


FIG 3
SEML-110-02-03.0-XX-D-LC SHOWN
(DIFFERENT AS SHOWN, OTHERWISE SAME AS FIG 1)

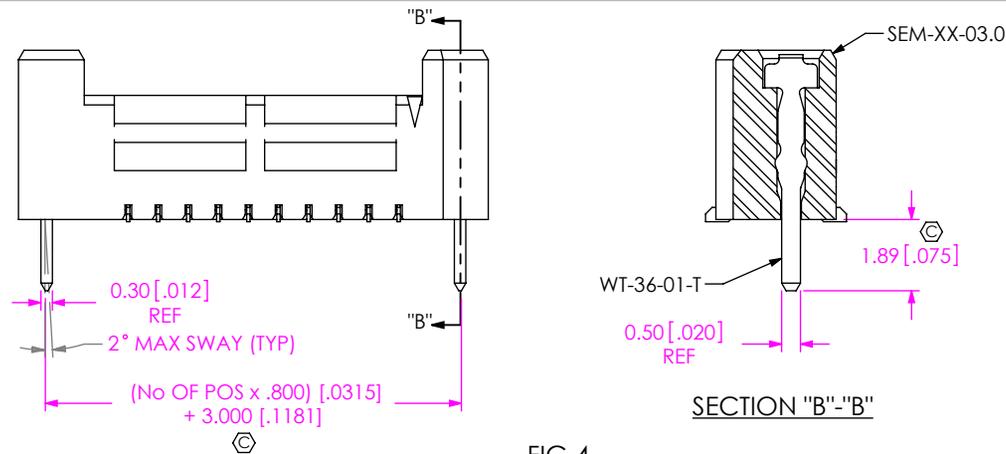
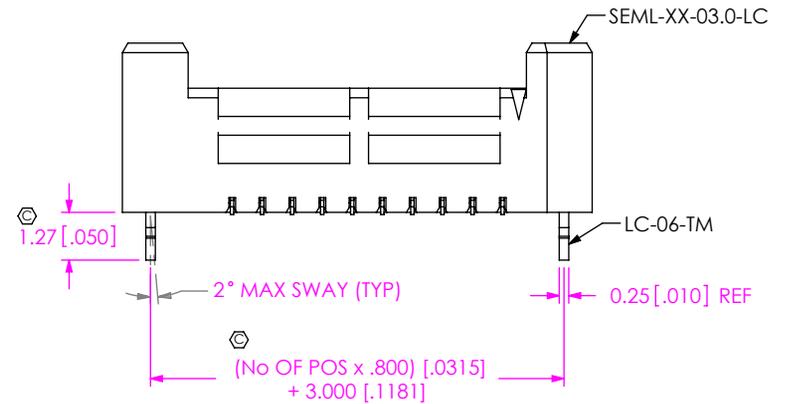


FIG 4
SEM-110-02-03.0-XX-D-WT SHOWN
(DIFFERENT AS SHOWN, OTHERWISE SAME AS FIG 1)

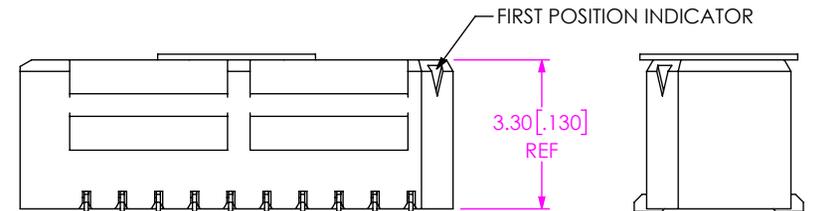
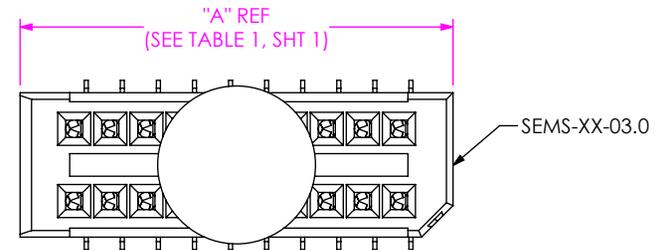
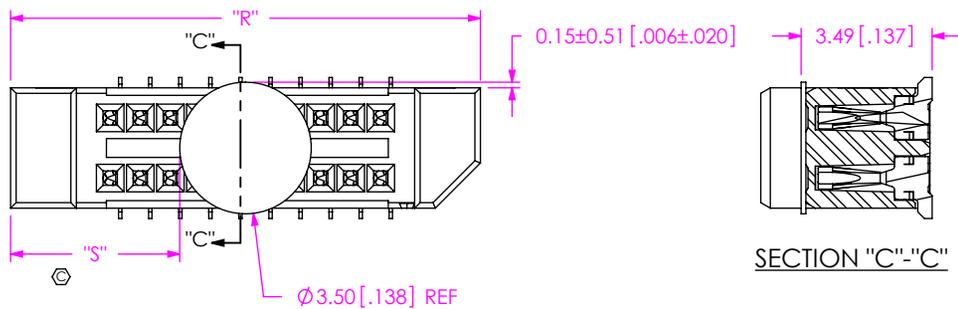


FIG 6
SEMS-110-02-03.0-XX-D SHOWN
(DIFFERENT AS SHOWN, OTHERWISE SAME AS FIG 1)



NOTE: "R" = OVERALL LENGTH (REF)
"S" = {"R" - 3.51 [.138]}/2 [.0787] ± 0.51 [.02]

FIG 5
SEM-110-02-03.0-XX-D-K SHOWN
(DIFFERENT AS SHOWN, OTHERWISE SAME AS FIG 1)

DO NOT SCALE DRAWING
SHEET SCALE: 5:1



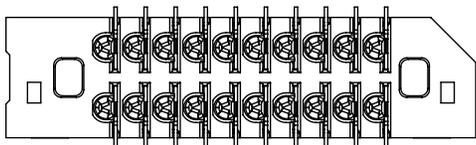
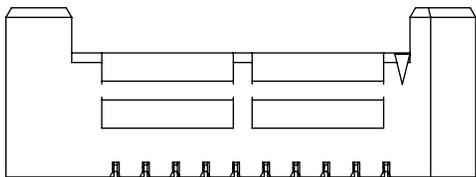
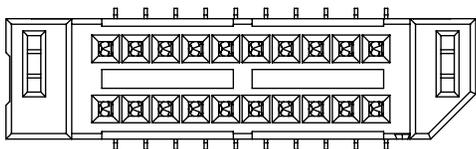
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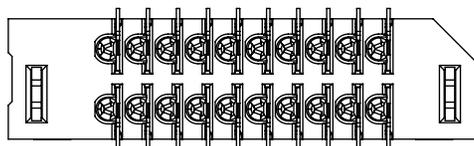
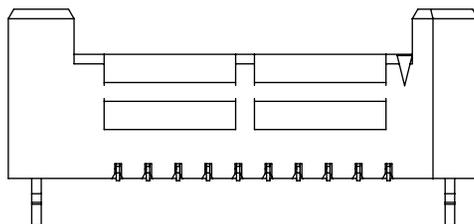
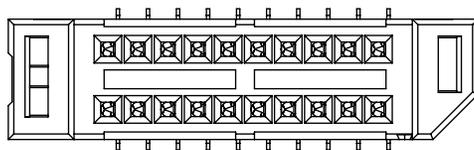
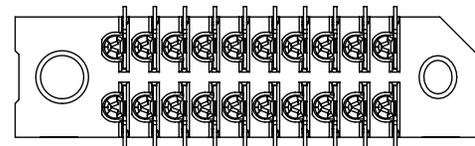
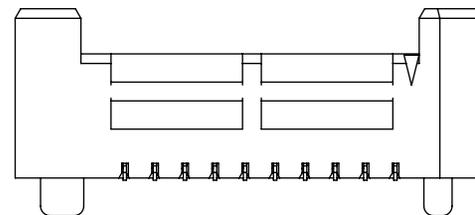
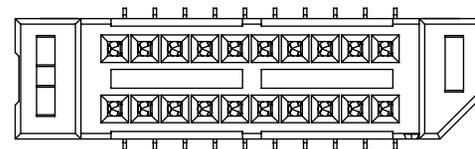
DWG. NO.
SEM-X-1XX-XX-XX.X-XX-D-XX-X-XX

BY: B RAY 10-19-2007 SHEET 2 OF 4

ALTERNATE VIEW FOR FIG 1
 (SEM-110-02-03.0-XX-D SHOWN)
 (SAME AS FIG 1, DIFFERENT AS SHOWN)



ALTERNATE VIEW FOR FIG 2
 (SEM-110-02-03.0-XX-D-A SHOWN)
 (SAME AS FIG 1 & 2, DIFFERENT AS SHOWN)



ALTERNATE VIEW FOR FIG 3
 (SEML-110-02-03.0-XX-D-LC SHOWN)
 (SAME AS FIG 1 & 3, DIFFERENT AS SHOWN)

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SHEET SCALE: 5:1



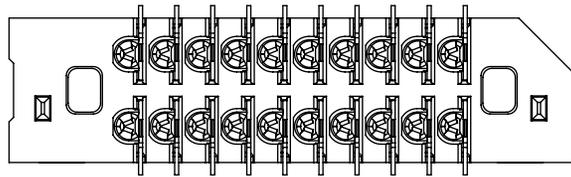
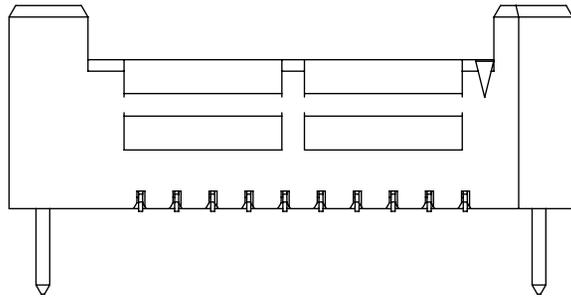
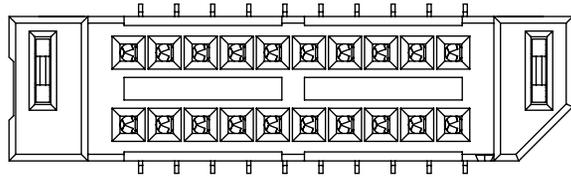
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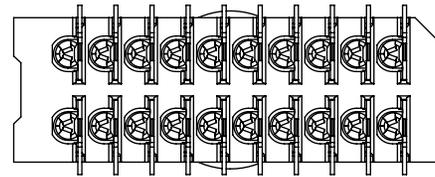
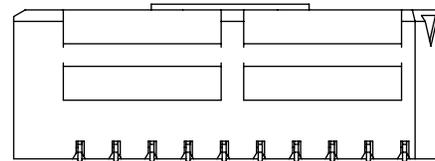
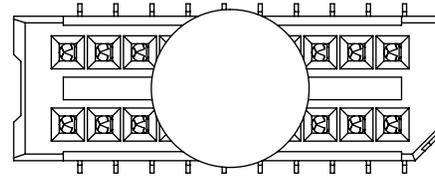
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 SEMX-1XX-XX-XX.X-XX-D-XX-X-XX

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ALTERNATE VIEW FOR FIG 4
 (SEM-110-02-03.0-XX-D-WT SHOWN)
 (SAME AS FIG 1 & 4, DIFFERENT AS SHOWN)



ALTERNATE VIEW FOR FIG 6
 (SEMS-110-02-03.0-XX-D SHOWN)
 (SAME AS FIG 1 & 6, DIFFERENT AS SHOWN)



F:\DWG\MISC\MKTG\SEM-X-1XX-XX-XX.X-XX-D-XX-X-XX-MKT.SLDDRW

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SHEET SCALE: 10:1

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