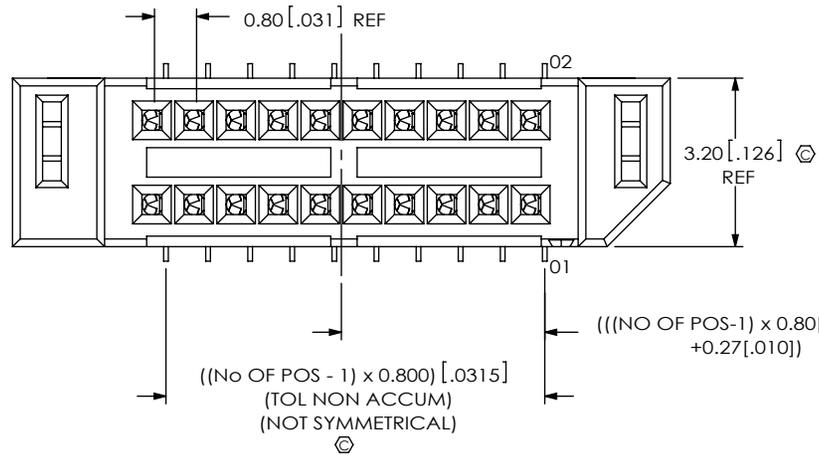


DESIGNED & DIMENSIONED
IN MILLIMETERS [INCHES]

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



SEM X-1 XX-XX-XX.X-XX-D-XX-XX

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)

OPTION
-TR: TAPE & REEL (SEE NOTE 7 & 8)
-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

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

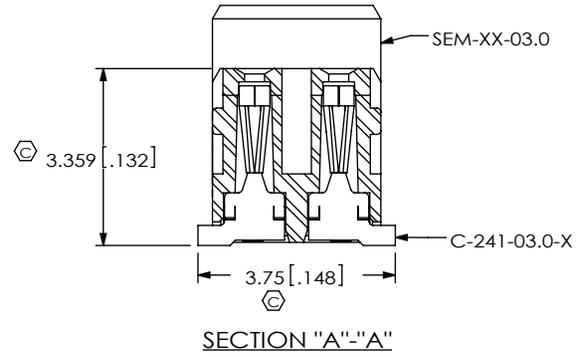
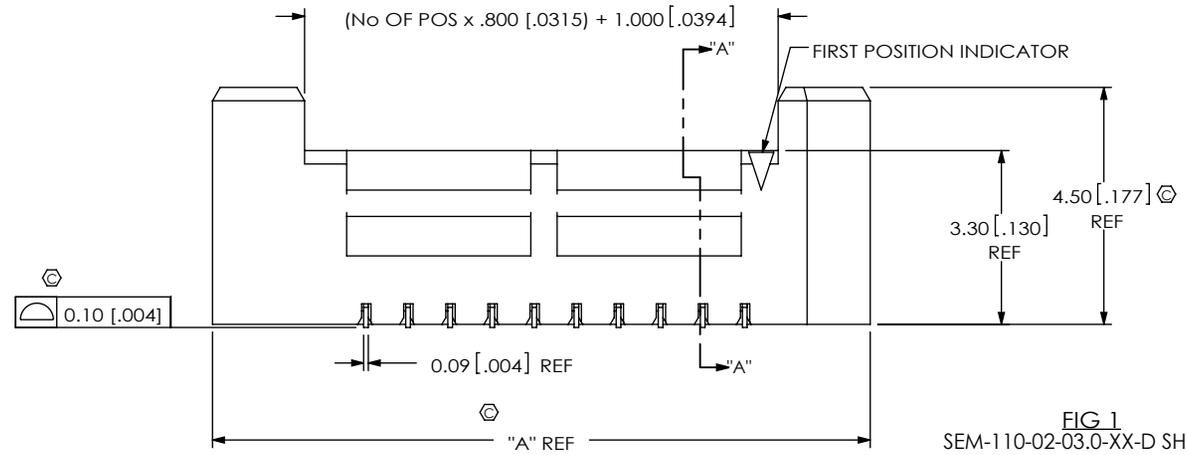


FIG 1
SEM-110-02-03.0-XX-D SHOWN

- 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.
 - FOR QUANTITIES UP TO 49 PIECES, NO LEADER, TRAILER, OR REEL WILL BE SUPPLIED. FOR QUANTITIES 50-124, NO LEADER, OR TRAILER WILL BE SUPPLIED.
 - ALL SAMPLES AND/OR NO CHARGE ORDERS ARE REQUIRED TO BE PACKAGED IN SUSPENSION PACKS AND NOT T&R.
 - 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.

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 SHEET SCALE: 7:1
INSULATOR: VECTRA E130i
CONTACT: #25 BeCu, HALF HARD
LOCKING CLIP: PHOS BRONZE 510
WELD TAB: BRASS ALLOW 260, FULL HARD

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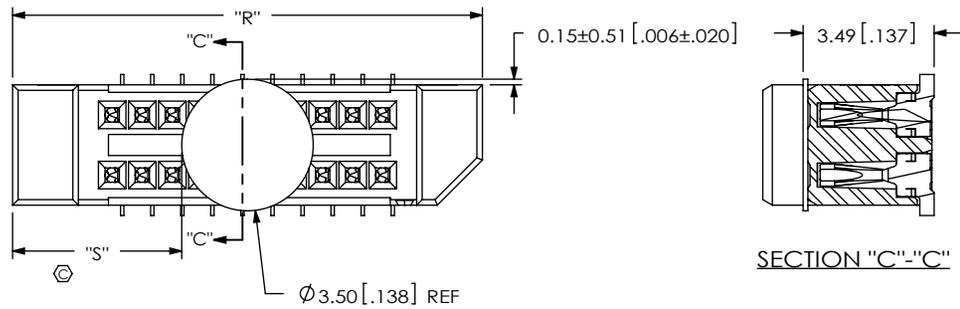
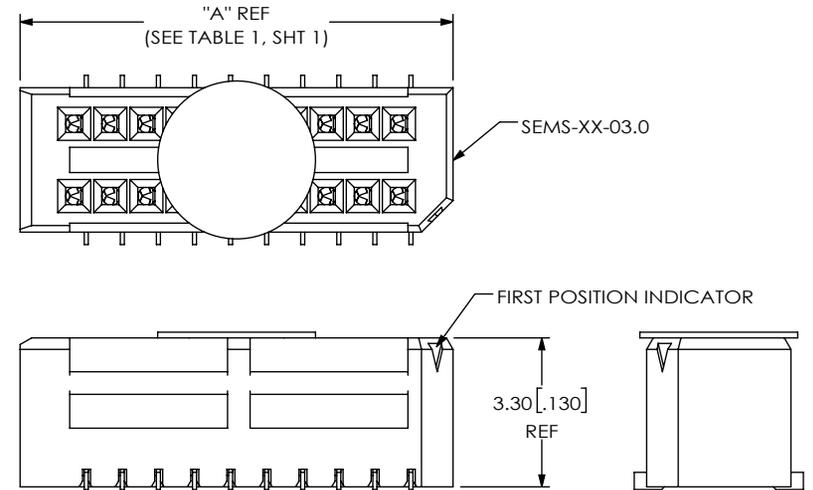
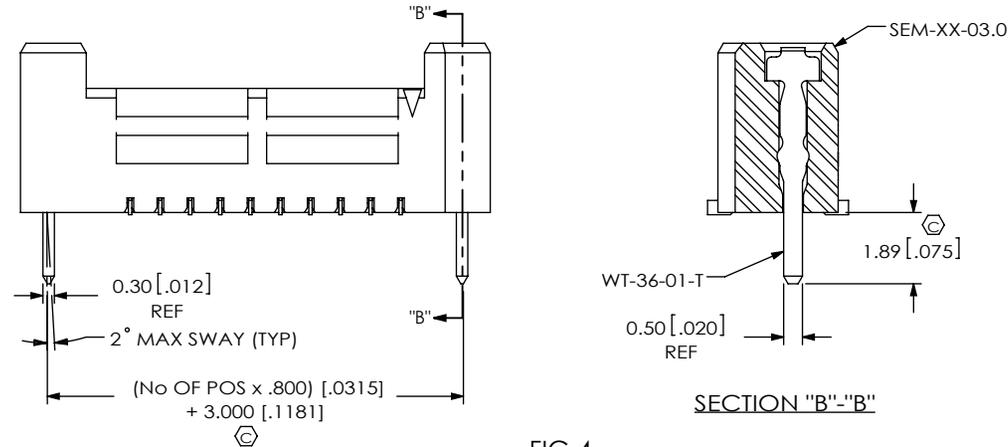
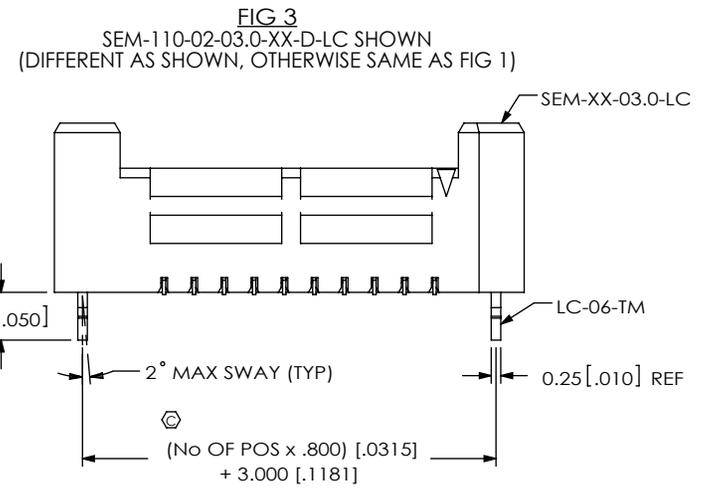
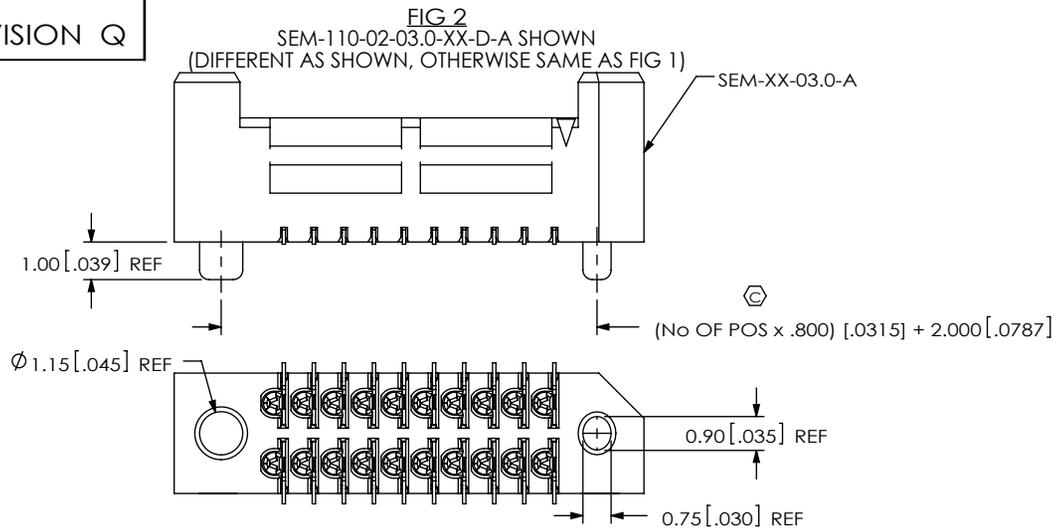
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520 PARK EAST BLVD, NEW ALBANY, IN 47150
PHONE: 812-944-6733 FAX: 812-948-5047
e-Mail info@SAMTEC.com code 55322

DESCRIPTION:
.8MM TIGER EYE MICRO SOCKET

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

BY: B RAY 10-19-2007 SHEET 1 OF 2



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)

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

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DO NOT SCALE DRAWING
 SHEET SCALE: 5:1

samtec

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 .8MM TIGER EYE MICRO SOCKET
 DWG. NO.
SEM-X-1XX-XX-XX.X-XX-D-XX-XX
 BY: B RAY 10-19-2007 SHEET 2 OF 2