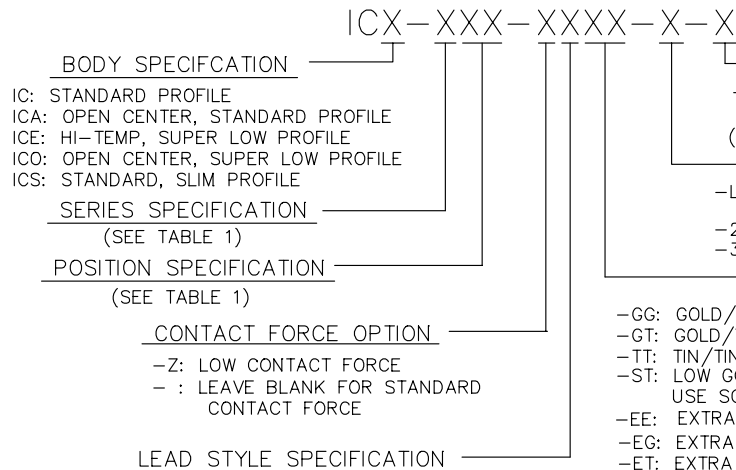


| DIMENSIONS ARE IN INCHES |                        | UNLESS OTHERWISE NOTED | TOLERANCES ARE: | TITLE:      | DWG NO:          |
|--------------------------|------------------------|------------------------|-----------------|-------------|------------------|
| ONE PLACE DECIMALS ±     | THREE PLACE DECIMALS ± |                        | ANGLES ±        | IC ASSEMBLY | ICX-XXX-XXXX-X-X |
| TWO PLACE DECIMALS ±     | FOUR PLACE DECIMALS ±  |                        |                 |             |                  |

OPTION #2

-H: OPEN CENTER, HIGH TEMP  
(USE ICA-XXX-V)  
(AVAILABLE ONLY WITH ICA BODY SPEC)

OPTION #1

-L: LOCKING LEAD (USE SC-1L1-XX: STYLE  
-S, -ZS, -P OR -ZP ONLY)  
-2: STYLE -W ONLY (SEE TABLE 2)  
-3: STYLE -W ONLY (SEE TABLE 2)

PLATING SPECIFICATION

-GG: GOLD/GOLD- SPECIFY -GG IN SOCKET SUFFIX -XX  
-GT: GOLD/TIN- SPECIFY -GT IN SOCKET SUFFIX -XX  
-TT: TIN/TIN- SPECIFY -TT IN SOCKET SUFFIX -XX (STYLES -S, -ZS, -W, -ZW, -A, -H, -C, -L, -M, -N ONLY)  
-ST: LOW GOLD/TIN- SPECIFY -ST IN SOCKET SUFFIX -XX(-S & -ZS ONLY)(ON -L OPTION  
USE SC-1L1-GT OR EZ-1L1-GT)  
-EE: EXTRA HEAVY GOLD/EXTRA HEAVY GOLD-SPECIFY -EE IN SOCKET SUFFIX -XX(STYLES -S & -ZS ONLY)  
-EG: EXTRA HEAVY GOLD/GOLD- SPECIFY -EG IN SOCKET SUFFIX -XX(STYLES -S & -ZS ONLY)  
-ET: EXTRA HEAVY GOLD/TIN- SPECIFY -ET IN SOCKET SUFFIX -XX(STYLES -S & -ZS ONLY)  
-GE: GOLD/EXTRA HEAVY GOLD- SPECIFY -GE IN SOCKET SUFFIX -XX(STYLES -S & -ZS ONLY)  
-TE: TIN/EXTRA HEAVY GOLD- SPECIFY -TE IN SOCKET SUFFIX -XX(STYLES -S & -ZS ONLY)  
-FT: FLASH GOLD/TIN- SPECIFY -FT IN SOCKET SUFFIX -XX(STYLES -S & -ZS ONLY)

## NOTES:

- MINIMUM PUSHOUT FORCES:  
IC ASSEMBLY: 12 LBS.  
ICA ASSEMBLY: 5 LBS.  
ICE ASSEMBLY: 10 LBS.  
ICO ASSEMBLY: 5 LBS.  
ICS ASSEMBLY: 12 LBS.
- MAXIMUM ALLOWABLE BOW:  
.003 [.08] INCH PER INCH.

USE SPECIFIED LEAD STYLE FROM TABLE 2  
TO IDENTIFY LEAD SOCKET

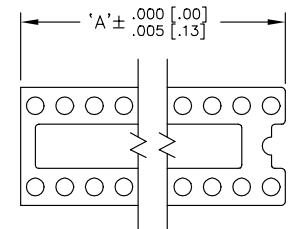
TABLE 1 (\* : CUT TO LENGTH IN FIG.1)

| SERIES | POSITION | IC      | ICA       | ICA-H     | ICE      | ICO      | ICS      |
|--------|----------|---------|-----------|-----------|----------|----------|----------|
| -3     | 06       | SB-306  | N/R       | N/R       | N/R      | N/R      | SBS-308* |
|        | 08       | SB-308  | SBOA-308  | ICA-308-V | N/R      | SBO-308  | SBS-308  |
|        | 10       | SB-314* | N/R       | N/R       | N/R      | N/R      | SBS-314* |
|        | 12       | N/R     | N/R       | N/R       | N/R      | N/R      | N/R      |
|        | 14       | SB-314  | SBOA-314  | ICA-314-V | SBE-314  | SBO-314  | SBS-314  |
|        | 16       | SB-316  | SBOA-316  | ICA-316-V | SBE-316  | SBO-316  | SBS-316  |
|        | 18       | SB-318  | SBOA-318  | ICA-318-V | SBE-318  | SBO-318  | SBS-318  |
|        | 20       | SB-320  | SBOA-320  | ICA-320-V | N/R      | SBO-320  | SB-320   |
|        | 22       | N/R     | SBOA-324* | ICA-322-V | N/R      | SBO-324* | N/R      |
|        | 24       | SB-324  | SBOA-324  | ICA-324-V | N/R      | SBO-324  | SB-324   |
| -4     | 28       | N/R     | ICA-328-V | ICA-328-V | N/R      | N/R      | N/R      |
|        | 22       | SB-422  | SBOA-422  | N/R       | N/R      | SBO-422  | SB-422   |
| -6     | 24       | SB-424  | N/R       | N/R       | N/R      | N/R      | N/R      |
|        | 10       | SB-614* | N/R       | N/R       | N/R      | N/R      | N/R      |
|        | 14       | SB-614  | N/R       | N/R       | N/R      | N/R      | N/R      |
|        | 16       | SB-616  | N/R       | N/R       | N/R      | N/R      | N/R      |
|        | 18       | SB-618  | N/R       | N/R       | N/R      | N/R      | N/R      |
|        | 20       | N/R     | N/R       | N/R       | N/R      | N/R      | N/R      |
|        | 22       | N/R     | N/R       | N/R       | N/R      | N/R      | N/R      |
|        | 24       | SB-624  | SBOA-624  | ICA-624-V | SBE-624  | SBO-624  | SBS-624  |
|        | 28       | SB-628  | SBOA-628  | ICA-628-V | SBE-628  | SBO-628  | SBS-628  |
|        | 32       | SB-640* | SBOA-632  | ICA-632-V | N/R      | SBO-632  | SBS-632  |
|        | 40       | SB-640  | SBOA-640  | ICA-640-V | SBE-640  | SBO-640  | SBS-640  |
|        | 48       | N/R     | SBOA-648  | ICA-648-V | SBE-648  | SBO-648  | N/R      |
| -9     | 14       | N/R     | N/R       | N/R       | N/R      | N/R      | N/R      |
|        | 24       | N/R     | N/R       | N/R       | N/R      | N/R      | N/R      |
|        | 28       | N/R     | N/R       | N/R       | N/R      | N/R      | N/R      |
|        | 32       | N/R     | N/R       | N/R       | N/R      | N/R      | N/R      |
|        | 40       | SB-964* | N/R       | N/R       | SBE-964* | N/R      | N/R      |
|        | 48       | N/R     | N/R       | N/R       | N/R      | N/R      | N/R      |
|        | 50       | SB-964* | N/R       | N/R       | N/R      | N/R      | N/R      |
|        | 64       | SB-964  | N/R       | N/R       | SBE-964  | N/R      | N/R      |

Do not scale  
from this print

**PROPRIETARY NOTE**  
THIS DOCUMENT CONTAINS INFORMATION  
CONFIDENTIAL AND PROPRIETARY TO  
SAMTEC INC. AND SHALL NOT BE  
REPRODUCED OR TRANSFERRED TO  
OTHER DOCUMENTS OR DISCLOSED TO  
OTHERS OR USED FOR ANY PURPOSE  
OTHER THAN THAT FOR WHICH IT WAS  
OBTAINED WITHOUT THE EXPRESSED  
WRITTEN CONSENT OF SAMTEC INC.

FIGURE 1



| REF. PART No. | 'A'        |              |
|---------------|------------|--------------|
| IC-310-XXX    | .535±.005  | [13.59 ±.13] |
| IC-610-XXX    | .500       | [12.70]      |
| IC-632-XXX    | 1.600      | [40.64]      |
| IC-632-XXX    | 1.600      | [40.64]      |
| IC-940-XXX    | 2.000      | [50.80]      |
| IC-950-XXX    | 2.500      | [63.50]      |
| ICA-322-XXX   | 1.100      | [27.94]      |
| ICS-306-XXX   | .340±.005  | [8.64±.13]   |
| ICS-310-XXX   | .500       | [12.70]      |
| ICE-940-XXX   | 2.000±.005 | [50.80±.13]  |
| ICO-322-XXX   | 1.100      | [27.94]      |

**samtec**

MISC/MKTG  
ICX-MKT

520 PARK EAST BLVD. NEW ALBANY, INDIANA 47150  
PHONE (812) 944-6733 P.O. BOX 1147  
CODE 55322

MADE BY:

JORDAN 10-29-86

ICX-XXX-XXXX-X-X

REV. AZ

TABLE 2  
SOCKET SPECIFICATION

TITLE:

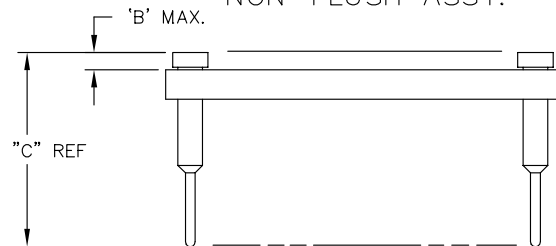
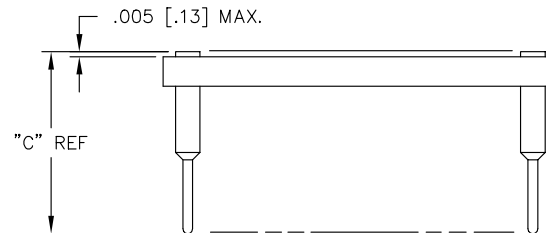
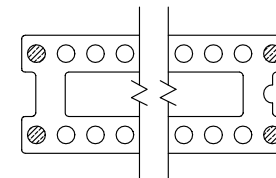
IC ASSEMBLY

DWG NO:

ICX-XXX-XXXX-X-X

SHEET 2 OF 2

| LEAD STYLE | 'B'        | "C"          | STANDARD INSERTION FORCE |      |             |      |           | LOW INSERTION FORCE (−Z OPTION) |              |      |             |      | −L OPTION |      |                    |      |
|------------|------------|--------------|--------------------------|------|-------------|------|-----------|---------------------------------|--------------|------|-------------|------|-----------|------|--------------------|------|
|            |            |              | IC, ICA, ICS             | FIG. | ICE         | FIG. | ICO       | FIG.                            | IC, ICA, ICS | FIG. | ICE         | FIG. | ICO       | FIG. | IC,ICA,ICE,ICO,ICS | FIG. |
| A          | .038 [.96] | .353 [8.97]  | SC−6P1−XX                | 3    | SC−6P1−XX   | 2    | SC−6P1−XX | 2                               | EZ−6P1−XX    | 3    | EZ−6P1−XX   | 2    | EZ−6P1−XX | 2    | N/A                |      |
| B          | .038 [.96] | .203 [5.16]  | N/A                      |      | N/A         |      | SC−1S1−XX | 2                               | N/A          |      | N/A         |      | EZ−1S1−XX | 2    | N/A                |      |
| C          | .016 [.41] | .165 [4.19]  | N/A                      |      | N/A         |      | SC−8P1−XX | 2                               | N/A          |      | N/A         |      | EZ−8P1−XX | 2    | N/A                |      |
| E          | .038 [.96] | .542 [13.76] | SC−2P3−XX                | 3    | SC−2P3−XX   | 2    | SC−2P3−XX |                                 | EZ−2P3−XX    | 3    | EZ−2P3−XX   | 2    | N/A       |      | N/A                |      |
| F          | .008 [.20] | .293 [7.44]  | N/A                      |      | N/A         |      | SC−1P2−XX | 3                               | N/A          |      | N/A         |      | N/A       |      | N/A                |      |
| H          | .038 [.96] | .703 [17.86] | SC−2P2−XX                | 3    | SC−2P2−XX   | 2    | N/A       |                                 | EZ−2P2−XX    | 3    | EZ−2P2−XX   | 2    | N/A       |      | N/A                |      |
| J          | .038 [.96] | .600 [15.24] | SC−1P3−XX                | 3    | SC−1P3−XX   | 2    | SC−1P3−XX | 2                               | N/A          |      | N/A         |      | N/A       |      | N/A                |      |
| K          | .038 [.96] | .703 [17.86] | SC−2P1−XX                | 3    | N/A         |      | SC−2P1−XX | 2                               | N/A          |      | N/A         |      | N/A       |      | N/A                |      |
| L          | .038 [.96] | .230 [5.84]  | N/A                      |      | SC−3P1−XX   | 2    | SC−3P1−XX | 2                               | N/A          |      | EZ−3P1−XX   | 2    | EZ−3P1−XX | 2    | N/A                |      |
| M          | .028 [.71] | .240 [6.10]  | N/A                      |      | SC−4P1−XX   | 2    | SC−4P1−XX | 2                               | N/A          |      | EZ−4P1−XX   | 2    | EZ−4P1−XX | 2    | N/A                |      |
| N          | .028 [.71] | .190 [4.83]  | N/A                      |      | SC−5P1−XX   | 2    | SC−5P1−XX | 2                               | N/A          |      | EZ−5P1−XX   | 2    | EZ−5P1−XX | 2    | N/A                |      |
| P          | .038 [.96] | .205 [5.21]  | N/A                      |      | SC−1M1−XX   | 2    | SC−1M1−XX | 2                               | N/A          |      | EZ−1M1−XX   | 2    | EZ−1M1−XX | 2    | N/A                |      |
| S          | .038 [.96] | .300 [7.62]  | SC−1P1−XX                | 3    | SC−1P1−XX   | 2    | SC−1P1−XX | 2                               | EZ−1P1−XX    | 3    | EZ−1P1−XX   | 2    | EZ−1P1−XX | 2    | SC−1L1−XX          | 4    |
| T          | .028 [.71] | .167 [4.24]  | N/A                      |      | SC−1M2−XX   | 2    | SC−1M2−XX | 2                               | N/A          |      | EZ−1M2−XX   | 2    | EZ−1M2−XX | 2    | N/A                |      |
| W          | .038 [.96] | .703 [17.86] | SC−1W1−XX−1              | 3    | SC−1W1−XX−1 | 2    | N/A       |                                 | EZ−1W1−XX−1  | 3    | EZ−1W1−XX−1 | 2    | N/A       |      | N/A                |      |
| W2         | .038 [.96] | .553 [14.05] | SC−1W1−XX−2              | 3    | SC−1W1−XX−2 | 2    | N/A       |                                 | EZ−1W1−XX−2  | 3    | EZ−1W1−XX−2 | 2    | N/A       |      | N/A                |      |
| W3         | .038 [.96] | .453 [11.51] | SC−1W1−XX−3              | 3    | SC−1W1−XX−3 | 2    | N/A       |                                 | EZ−1W1−XX−3  | 3    | EZ−1W1−XX−3 | 2    | N/A       |      | N/A                |      |

FIGURE 2  
NON-FLUSH ASSY.FIGURE 3  
FLUSH ASSY.FIGURE 4  
-L OPTION⊗ : FILL POSITION WITH SC-1L1-XX  
(EZ-1L1-XX FOR -Z OPTION)

(STYLE -S, -ZS, -P &amp; -ZP)

Do not scale  
from this print

## PROPRIETARY NOTE

THIS DOCUMENT CONTAINS INFORMATION  
CONFIDENTIAL AND PROPRIETARY TO  
SAMTEC INC. AND SHALL NOT BE  
REPRODUCED OR TRANSFERRED TO  
OTHER DOCUMENTS OR DISCLOSED TO  
OTHERS OR USED FOR ANY PURPOSE  
OTHER THAN THAT FOR WHICH IT WAS  
OBTAINED WITHOUT THE EXPRESSED  
WRITTEN CONSENT OF SAMTEC INC.

TABLE 3

| SERIES | LEAD STYLES                                          | PACKAGING TUBE | PLUG  |
|--------|------------------------------------------------------|----------------|-------|
| -3     | -A, -B, -C, -D,<br>-F, -G, -L, -M,<br>-N, -P, -S, -T | PT-3-24-01-01  | TP-03 |
| -4     |                                                      | PT-4-24-02-01  |       |
| -6     |                                                      | PT-6-24-03-01  |       |
| -9     |                                                      | PT-9-24-04-01  |       |
| -3     | -E, -H, -J, -K,<br>-W, -W1, -W2                      | PT-3-24-05-01  |       |
| -4     |                                                      | PT-4-24-06-01  |       |
| -6     |                                                      | PT-6-24-07-01  |       |
| -9     |                                                      | PT-1-24-01-25  |       |

**samtec**520 PARK EAST BLVD. NEW ALBANY, INDIANA 47150  
PHONE (812) 944-6733 P.O. BOX 1147  
CODE 55322

MADE BY:

ICX-XXX-XXXX-X-X

SHEET 2 OF 2

# Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

[Samtec:](#)

[ICA-314-SST](#) [ICA-320-SGG](#) [ICA-316-STT](#) [ICA-318-STT](#) [ICA-308-STT](#) [ICA-320-SGT](#) [ICA-640-STT](#) [ICA-628-SGT](#)  
[ICA-640-SGT](#) [ICA-316-SGT](#) [ICA-324-SGT](#) [ICA-632-STT](#) [ICA-324-SST](#) [ICA-632-SST](#) [ICA-324-STT](#) [ICA-314-SGG](#)  
[ICA-628-STT](#) [ICA-308-SGT](#) [ICA-308-SST](#) [ICA-640-SGG](#) [ICA-314-SGT](#) [ICA-628-SST](#) [ICA-308-SGG](#) [ICA-316-SGG](#)  
[ICA-632-SGT](#) [ICA-640-ZEGT](#) [ICA-628-MGT](#) [ICA-640-ATT](#) [ICA-316-WTT-3](#) [ICA-316-ZWGG](#) [ICA-316-ZWGG-3](#) [ICA-](#)  
[308-ZAGG](#) [ICA-308-ZEGT](#) [ICA-314-WGG-3](#) [ICA-314-ZWGT](#) [ICA-316-SST](#) [ICA-316-WGG](#) [ICA-316-ZHGT](#) [ICA-316-](#)  
[ZSGG](#) [ICA-318-ATT](#) [ICA-318-WTT-2](#) [ICA-320-ATT](#) [ICA-316-JGG](#) [ICA-316-SGG-L](#) [ICA-316-ZHGG](#) [ICA-318-ZWTT-](#)  
[2](#) [ICA-308-AGT](#) [ICA-308-WTT](#) [ICA-308-ZSGT](#) [ICA-308-ZWGT-3](#) [ICA-316-WGG-3](#) [ICA-316-ZSST](#) [ICA-320-SGG-L](#)  
[ICA-314-ZHGT](#) [ICA-316-AGG](#) [ICA-316-ATT](#) [ICA-316-ZWGG-2](#) [ICA-316-ZWGT](#) [ICA-318-SST-L](#) [ICA-314-SGG-L](#)  
[ICA-314-ZEGT](#) [ICA-314-ZSGG](#) [ICA-314-ZSGG-L](#) [ICA-314-ZWTT-3](#) [ICA-316-AGT](#) [ICA-308-WGG-2](#) [ICA-308-WGG-3](#)  
[ICA-308-ZSTT](#) [ICA-308-ZWGG](#) [ICA-314-SGT-L](#) [ICA-314-ZAGT](#) [ICA-316-WGT-3](#) [ICA-316-WTT](#) [ICA-316-WTT-2](#)  
[ICA-308-SGT-L](#) [ICA-314-KGT](#) [ICA-314-STT-L](#) [ICA-314-WGG-2](#) [ICA-314-WTT](#) [ICA-318-SGT-L](#) [ICA-318-WGG-2](#)  
[ICA-318-WGT-3](#) [ICA-318-ZAGT](#) [ICA-318-ZWGT](#) [ICA-316-ZWGT-2](#) [ICA-318-SST](#) [ICA-318-WGG](#) [ICA-318-ZSGT](#)  
[ICA-318-ZSST](#) [ICA-318-ZSTT](#) [ICA-318-ZWGG](#) [ICA-308-WGT-2](#) [ICA-308-ZSGG](#) [ICA-314-JGG](#) [ICA-314-WGG](#) [ICA-](#)  
[314-ZAGG](#) [ICA-314-ZWTT](#) [ICA-316-KGT](#) [ICA-316-ZWTT](#) [ICA-316-ZWTT-3](#)