

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 ±				

ICX-XXX-XXXX-X-X

BODY SPECIFICATION

IC: STANDARD PROFILE
ICA: OPEN CENTER, STANDARD PROFILE
ICE: HI-TEMP, SUPER LOW PROFILE
ICO: OPEN CENTER, SUPER LOW PROFILE
ICS: STANDARD, SLIM PROFILE

SERIES SPECIFICATION

(SEE TABLE 1)

POSITION SPECIFICATION

(SEE TABLE 1)

CONTACT FORCE OPTION

-Z: LOW CONTACT FORCE
- : LEAVE BLANK FOR STANDARD CONTACT FORCE

LEAD STYLE SPECIFICATION

USE SPECIFIED LEAD STYLE FROM TABLE 2
TO IDENTIFY LEAD SOCKET

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.

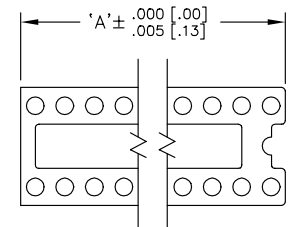
TABLE 1 (* : CUT TO LENGTH IN FIG.1)

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
	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
-9	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

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
SHEET 1 OF 2

REV. AZ

TABLE 2
SOCKET SPECIFICATION

TITLE:

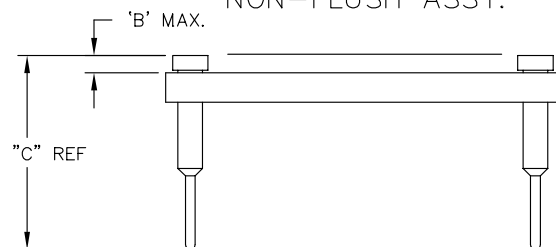
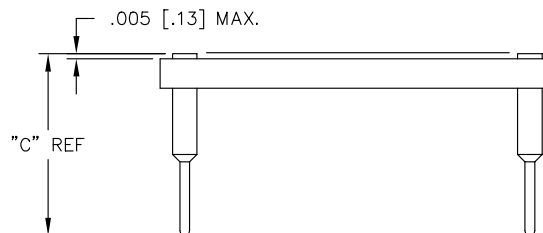
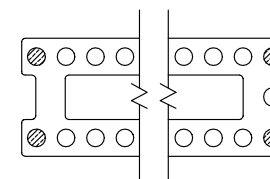
IC ASSEMBLY

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 & -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, -F, -G, -L, -M, -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, -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	

samtec520 PARK EAST BLVD. NEW ALBANY, INDIANA 47150
PHONE (812) 944-6733 P.O. BOX 1147
CODE 55322MISC\MKTG
ICX-2MKT

MADE BY:

ICX-XXX-XXXX-X-X

SHEET 2 OF 2