

REVISION V

SMS-1XX-XX-XX-D

BODY LENGTH SPECIFICATION
-01 THRU -50 POSITIONS

CONTACT SPECIFICATION _____
(SEE TABLE 1)
USE SPECIFIED LEAD STYLE TO
IDENTIFY CONTACT

BODY SPECIFICATION
-D: DOUBLE ROW (USE SMS-50-D)

PLATING SPECIFICATION		STYLE
-G: GOLD (SPECIFY G IN CONTACT SUFFIX 'X')	-T: TIN (SPECIFY T IN CONTACT SUFFIX 'X')	01 C-16-1-X
-S: SELECTIVE (SPECIFY S IN CONTACT SUFFIX 'X')	-F: FLASH SELECTIVE GOLD (SPECIFY F IN CONTACT SUFFIX 'X')	02 C-16-2-X

(AVAILABLE IN -01 LEAD STYLE ONLY)

-H: HEAVY GOLD (SPECIFY H IN CONTACT SUFFIX 'X')

-TM: MATTE TIN (SPECIFY T IN CONTACT SUFFIX 'X')

-SM: SELECTIVE GOLD, MATTE TIN TAIL (SPECIFY S IN CONTACT SUFFIX 'X')

-FM: FLASH SELECTIVE GOLD, MATTE TIN TAIL (SPECIFY F IN CONTACT SUFFIX 'X')

(AVAILABLE IN -01 LEAD STYLE ONLY)

-OF LEAD STYLE ONLY)

Diagram illustrating the dimensions and tolerances for a 100-pin connector. The diagram shows a top view of the connector with pins numbered 100, 02, 99, and 01. The dimensions are as follows:

- Overall width: $(\{ \text{NO. OF POSITIONS} \times .0500 \} + .009) \pm .007$ (AVAILABLE IN .01 LEAD STYLE ONLY)
- Pin pitch (center-to-center): $.127$ [1.27]
- Pin width: $.23$ [2.3]
- Pin height: $.18$ [1.8]
- Pin diameter: $\phi .10$ [1.0]
- Pin spacing (between rows): $.220$ [5.59] REF

(SEE NOTE 4)

SMS-XX-D

2' MAX SWAY (TYP)

.016 [.41] REI

— C-16-X-XX

› 'B' ±.005 [.13]

.335 [8.51] REF

2' MAX | TOE (TYP)

.020 [.51] REF →

[2.54]

TITLE:	.050 [1.27] C
\$	SOCKET MICRO STRIP

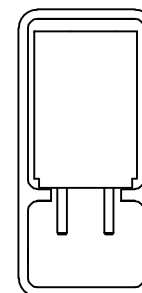
DWG NO:
SMS-1XX-XX-XX-D

TABLE 1

LEAD STYLE	CONTACT	'B'	PKG TUBE (SEE NOTE 5)	PLUG
01	C-16-1-XX	.100 [2.54]	PT-SMS001-D ☐	TP-03
02	C-16-2-XX	.190 [4.83]		

NOTES:

1. MAX. BOWING AFTER ASSEMBLY:
.006 [.15] INCH/INCH
2. MAX. FLASH: .005 [.13]
3.  REPRESENTS A CRITICAL DIMENSION FOR STATISTICAL PROCESS CONTROL USE.
4. PARTS CUT TO POSITION SHOULD BE SYMMETRICAL ABOUT ϕ . END WALLS OF CUT BODIES SHALL BE .012 [.30] MIN. WHEN MEASURED AT CONTACT TAIL.
5. PACKAGE ONLY POSITIONS 10 THROUGH 50 IN TUBES. BOX PACKAGE POSITIONS 01 THROUGH 09.
6. CONTACT PUSHOUT FORCE: 1.5 LBS. MIN



PACKAGING VIEW
SCALE: .5x

PROPRIETARY NOTE

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EXISPROD\ASSEMBLY\050
SMS-DASM

samtec EXISP

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

MADE BY: BRYANT 4-9-91

SMS-1XX-XX-XX-□
SHEET 1 OF 1