

DO NOT  
SCALE FROM  
THIS PRINT

TABLE 1

STYLE	CONTACT	"B"
-01	C-16-1-XX	.100[2.54]
-02	C-16-2-XX	.190[4.83]

SMS-1XX-XX-XX-D

No OF POSITIONS  
-01 THRU -50 POSITIONS

ROW SPECIFICATION

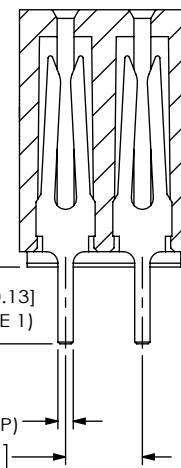
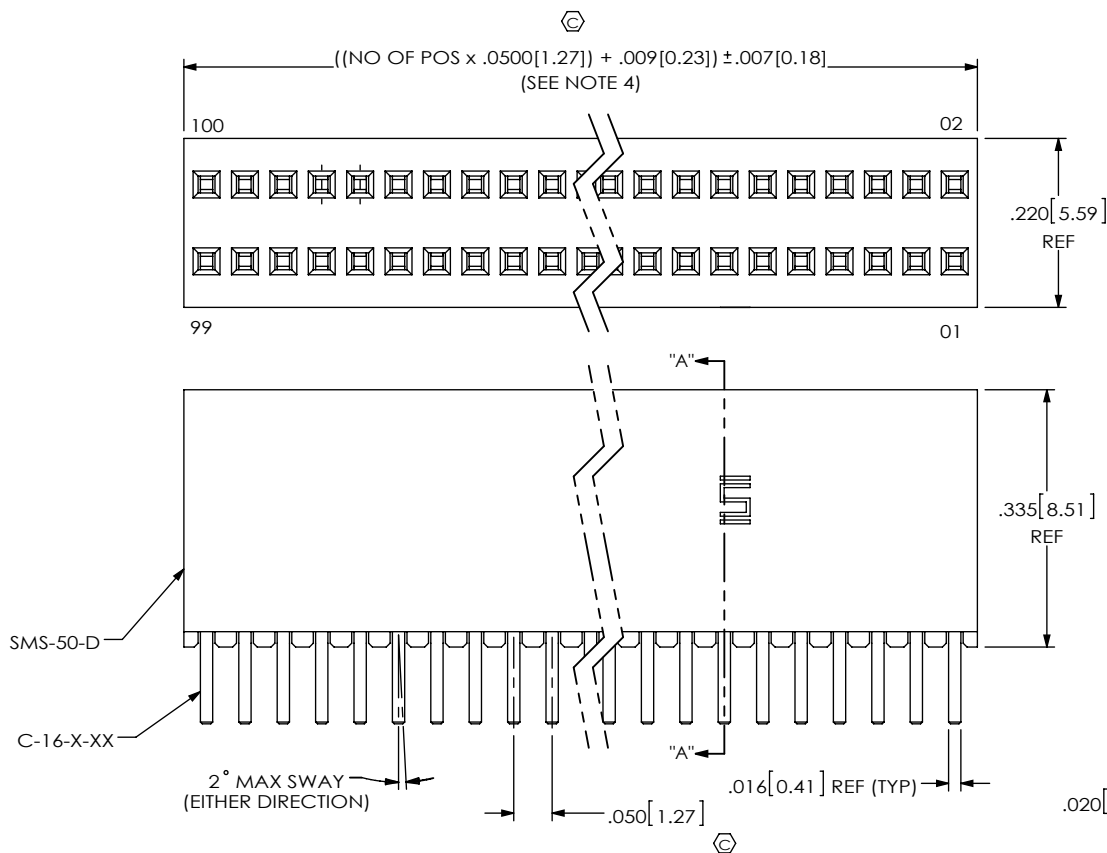
-D:DOUBLE ROW (USE SMS-50-D)

LEAD STYLE

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

PLATING SPECIFICATION

-G: 10μ" GOLD IN CONTACT AREA, 3μ" GOLD ON TAIL  
 -T: MATTE TIN CONTACT AND TAIL  
 -S: 30μ" SELECTIVE GOLD IN CONTACT AREA, MATTE TIN ON TAIL  
 -F: 3μ" FLASH SELECTIVE GOLD IN CONTACT AREA, MATTE TIN ON TAIL  
 (AVAILABLE IN -01 LEAD STYLE ONLY)  
 -H: 30μ" HEAVY GOLD IN CONTACT AREA, 3μ" GOLD ON TAIL  
 -TM: MATTE TIN CONTACT AND TAIL  
 -SM: 30μ" SELECTIVE GOLD IN CONTACT AREA, MATTE TIN ON TAIL  
 -FM: 3μ" FLASH SELECTIVE GOLD IN CONTACT AREA, MATTE TIN ON TAIL  
 (AVAILABLE IN -01 LEAD STYLE ONLY)  
 -L: 10μ" LIGHT SELECTIVE GOLD IN CONTACT AREA, MATTE TIN ON TAIL



SECTION "A"- "A"

TABLE 2

STYLE	TUBE	PLUG
-01	PT-SMS001-D	TP-03
-02		

PACKAGING VIEW  
(SEE TABLE 2 & NOTE 5)

## NOTES:

- ⊕ REPRESENTS A CRITICAL DIMENSION.
- MAXIMUM ALLOWABLE BOW: .006[0.15] INCH/INCH AFTER ASSEMBLY.
- MAXIMUM CUT FLASH: .005[0.13].
- PARTS CUT TO POSITION SHOULD BE SYMMETRICAL ABOUT  $\phi$ . MINIMUM END WALLS OF CUT BODIES SHALL BE .012 [0.30]. WHEN MEASURED AT CONTACT TAIL.
- PACKAGE ONLY POSITIONS 10 THROUGH 50 IN TUBES. BOX PACKAGE POSITIONS 01 THROUGH 09.
- MINIMUM CONTACT PUSHOUT FORCE: 1.5 LBS.

UNLESS OTHERWISE SPECIFIED,  
DIMENSIONS ARE IN INCHES.  
TOLERANCES ARE:

DECIMALS	ANGLES
.XX: ±.01 [.3]	2°
.XXX: ±.005 [.13]	
.XXXX: ±.0020 [.051]	

## PROPRIETARY NOTE

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PURPOSE OTHER THAN THAT WHICH IT WAS  
OBTAINED WITHOUT THE EXPRESSED WRITTEN  
CONSENT OF SAMTEC, INC.

**MATERIAL:** DO NOT SCALE DRAWING SHEET SCALE: 4:1  
 INSULATOR: VECTRA E130I, COLOR: BLACK  
 CONTACT: PHOSPHOR BRONZE, SPRING TEMPER,  
 ALLOY 511 OR 510

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

**DESCRIPTION:**  
 .050[1.27] CENTERLINE SOCKET MICRO STRIP  
 DWG. NO.

SMS-1XX-XX-XX-D

BY: BRYANT 04/09/1991 SHEET 1 OF 1