

DO NOT SCALE
FROM THIS PRINT

- NOTES:
- 1. MINIMUM PUSHOUT FORCES:
APA ASSEMBLY: 5 LBS.
APO ASSEMBLY: 5 LBS.
 - 2. MAXIMUM ALLOWABLE BOW:
.003 INCH PER INCH.
 - 3.  REPRESENTS A CRITICAL DIMENSION
 - 4. MAXIMUM HEIGHT VARIATION BETWEEN PINS:
.010 [0.25] (SEE SHEET 2).
 - 5. PLUG FIT FOR PT-ASP-149117-XX WILL BE TIGHT AND WILL REQUIRE INSERTION AND THEN A ROTATION TO ACHIEVE ORIENTATION. THIS IS NECESSARY FOR ZERO CONTACT WITH THE PINS.

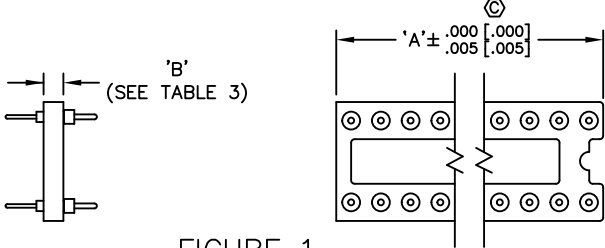


FIGURE 1
(* : CUT TO LENGTH IN FIG 1)
(*** = EXISTING CUSTOMERS ONLY)

TABLE 1

SERIES	POSITION	APA	APO
-3	06	N/R	N/R
	08	SBOA-308	SBO-308
	10	N/R	N/R
	12	N/R	N/A
	14	SBOA-314	SBO-314
	16	SBOA-316	SBO-316
	18	SBOA-318	SBO-318
	20	SBOA-320	SBO-320
	22	SBOA-324*	SBO-324*
	24	SBOA-324	SBO-324
	***28	ICA-328-V	N/R
-4	22	SBOA-422	SBO-422
	24	N/R	N/A
-6	10	N/R	N/R
	14	N/R	N/R
	16	N/R	N/R
	18	N/R	N/R
	20	N/R	N/R
	22	N/R	N/R
	24	SBOA-624	SBO-624
	28	SBOA-628	SBO-628
	32	SBOA-632	SBO-632
	40	SBOA-640	SBO-640
	48	SBOA-648	N/R
-9	14	N/R	N/R
	24	N/R	N/R
	28	N/R	N/R
	32	N/R	N/R
	40	N/R	N/R
	48	N/R	N/R
	50	N/R	N/R
	64	N/R	N/R

APX-XXX-X-X

BODY SPECIFICATION
APA: OPEN CENTER, STANDARD PROFILE
APO: OPEN CENTER, SUPER LOW PROFILE

TERMINAL SPECIFICATION
USE SPECIFIED TERMINAL STYLE FROM TABLE 2 TO IDENTIFY TERMINAL

PLATING SPECIFICATION
(VALUES GIVEN ARE IN MICRO-INCHES)
-G: GOLD, 20 Au / 50 Ni MIN
(FOR APO-XXX-G-J: -G: GOLD, 10 Au / 50 Ni MIN)
(NOT AVAILABLE WITH -E TERMINAL SPEC)
-T: MATTE TIN
(NOT AVAILABLE WITH -Q TERMINAL SPEC)

SERIES SPECIFICATION
(SEE TABLE 1)

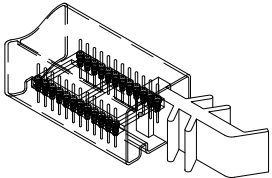
POSITION SPECIFICATION
(SEE TABLE 1)

TABLE 5

REF. PART No.	'A'
APA-322-XXX	1.100 [27.94]
APO-312-XXX	.600 [15.24]
APO-322-XXX	1.100 [27.94]

TABLE 3

SERIES	'B'
APA	.100 [2.54]
APO	.050 [1.27]



PACKAGING VIEW

PACKAGING TABLE			
SERIES	TERMINAL	TUBE	PLUG
APX-3XX	M	PT-1-24-01-70	TP-07 (2)
APX-3XX	J	PT-3-24-01-01	TP-03 (2)
APX-3XX	N	PT-1-24-01-52	TP-13 (2)
APX-3XX	Q	PT-1-24-01-56	TP-31 (2)
APX-4XX	N	PT-1-24-01-110	TP-13
APX-6XX	Q	PT-1-24-02-56	TP-04 (2)
APX-6XX	P	PT-1-24-03-56	TP-28 (2)
APX-6XX	M	PT-1-24-02-74	TP-28 (2)
APX-6XX	N	PT-ASP-149117-XX	TP-25 (2)

UNLESS SPECIFIED "PACKAGE IN BEAD BOARD"
PER THE SHOP

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

DECIMALS ANGLES
X.XX±0.25 ±3
X.XXX±0.13
X.XXXX±0.05

DO NOT SCALE DRAWING
INSULATOR: PBT 30% Glass Filled (UL 94V-0) Black
CONTACT : Phosphor Bronze

PROPRIETARY NOTE
THIS DOCUMENT CONTAINS CONFIDENTIAL AND PROPRIETARY INFORMATION AND ALL DESIGN, MANUFACTURING, REPRODUCTION, USE, PATENT RIGHTS AND SALES RIGHTS ARE EXPRESSLY RESERVED BY SAMTEC, INC. THIS DOCUMENT SHALL NOT BE DISCLOSED, IN WHOLE OR PART, TO ANY UNAUTHORIZED PERSON OR ENTITY NOR REPRODUCED, TRANSMITTED OR INCORPORATED IN ANY OTHER PROJECT IN ANY MANNER WITHOUT THE EXPRESS WRITTEN CONSENT OF SAMTEC, INC.

samtec

520 PARK EAST BLVD. NEW ALBANY, IN 47150
(812) 944-6733 P.O. BOX 1147 TWX: 810-540-4085

DESCRIPTION:
AP ASSEMBLY

DWG. NO.
APX-XXX-X-X

BY: YINGLING 4-20-85 SHEET 1 OF 2