DESIGNED & DIMENSIONED IN MILLIMETERS [INCHES]

DO NOT SCALE FROM THIS PRINT

1.78 [0.070] REF

OR-112-01

14.00 [0.551] REF

1.98 [0.078] REF

SPM-05-X-X-XXX-PF

PLATING SPECIFICATION
S: SELECTIVE, 0.00030 GOLD ON POST, Tin ON TAIL

No OF POSITIONS -05

OPTION PF: PANEL FLANGE

TERMINATION
RA: RIGHT ANGLE
VT1: VERTICAL THROUGH HOLE
VT2: VERTICAL THROUGH HOLE FOR THICKER PANELS

TYPE -B

SPM-B-01

PLATING SPECIFICATION
S: SELECTIVE, .000030 GOLD ON POST, Tin ON TAIL

OPTION PF: PANEL FLANGE

TERMINATION
RA: RIGHT ANGLE
VT1: VERTICAL THROUGH HOLE
VT2: VERTICAL THROUGH HOLE FOR THICKER PANELS

SECTION "A"-"A"

NOTES:
1. Ø REPRESENTS A CRITICAL DIMENSION.
2. SAMTEC LOGO SHALL APPEAR AT LOCATIONS ON SURFACE SHOWN, APPROXIMATELY 2.50 x 1.56.
3. MINIMUM PUSH OUT FORCE: 1N [.25 LB].
4. MAXIMUM HEIGHT VARIATION BETWEEN ANY TWO POSTS: 0.13[.005].
5. MAXIMUM ALLOWABLE BOW: 0.05[.002] MM/MA AFTER ASSEMBLY.
6. MAXIMUM PANEL THICKNESS: 2.03[.080] FOR -RA AND -VT1, MAX PANEL THICKNESS: 5.21[.205] FOR -VT2, RECOMMENDED PANEL CUT OUT ON SHEET 3.
7. FLATS REQUIRED AT PL OF CAMS TO AVOID DRAGGING THREADS.
8. REQUIRED INSTALLATION TORQUE FOR NUT: 0.28-0.56 N-M [2.5-5.0 IN-LBS].
9. PARTS TO BE PACKAGED IN TUBES.

UNLESS OTHERWISE SPECIFIED, DIMENSIONS ARE IN MILLIMETERS. TOLERANCES ARE:
DECIMALS ANGLES
X.X: ±0.3 [0.01] 2
X.XX: ±0.13 [0.005]
X.XXX: ±0.065 [0.002]

INSULATOR: LCP COLOR: BLACK
CONTACT: PHOS BRONZE
SHIELD: PHOS BRONZE
SEAL: SILICONE
PREMOLD: PBT, COLOR: BLACK
OVERMOLD: LCP; MAX REGRIND: 50%; COLOR: BLACK

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.

DESCRIPTION:
SEALED PORT MINI USB

F:\DWG\MISC\MKTG\SPM-05-X-X-XXX-PF-MKT.SLDDRW

SHEET 1 OF 7

F:\DWG\MISC\MKTG\SPM-05-X-X-XXX-PF-MKT.SLDDRW

BY: T NEWTON 06/30/2009

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**FIG 2**

SPM-05-S-01-TT-PF SHOWN (SAME AS FIG 1, EXCEPT AS SHOWN)

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**SECTION "B"-'B"**

-RA IN-PROCESS 1
CUT COMBS C-298-01-X

-RA IN-PROCESS 2
FORM C-298-01-X

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RECOMMENDED PANEL CUTOUTS

**OPTION 1**

- \(\phi 12.70, 0.00 \pm 0.020 \) 500 \(\pm 0.020\)

- \(0.00 \pm 0.020 \)

**OPTION 2**

- \(\phi 12.70, 0.00 \pm 0.020 \) 500 \(\pm 0.020\)

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FIG 3
SPM-05-S-B-VT2-PF SHOWN
(SAME AS FIG 2, EXCEPT AS SHOWN)

SECTION "Y"-"Y"
SCALE 3 : 1

TUBE: PT-YFW-12T-P
PLUG: TP-28
PACKAGING VIEW
-VT1 AND -VT2

TUBE: PT-1-24-02-112
PLUG: TP-28
PACKAGING VIEW
FOR -RA

1.84 [.072]
2.24 [.088]
2.95 [.116]
8.00 [.315]