

DO NOT
SCALE FROM
THIS PRINT

DESIGNED & DIMENSIONED
IN MILLIMETERS[INCHES]

TABLE 2			
TERMINATION	"A"	"B"	PIN
-TH1	0.90 [.035] REF	1.20 [.047]	SMB7-PIN-001-H
-TH2	0.51 [.020] REF	0.81 [.032]	SMB7-PIN-002-H

TABLE 1	
COMPONENT	-H
SHELL	SMB7H-J-P-F-ST-TH1-SHL
PIN	SMB7-PIN-XXX-H (SEE TABLE 2)
INSULATOR	SMB7-INS-001

SMB7H-J-P-X-ST-THX

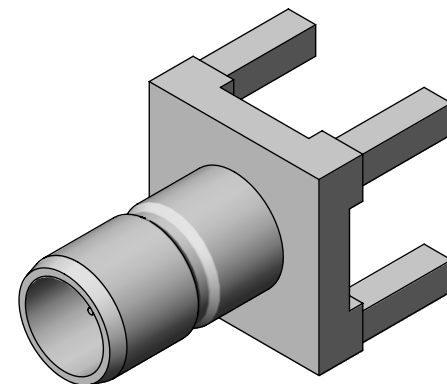
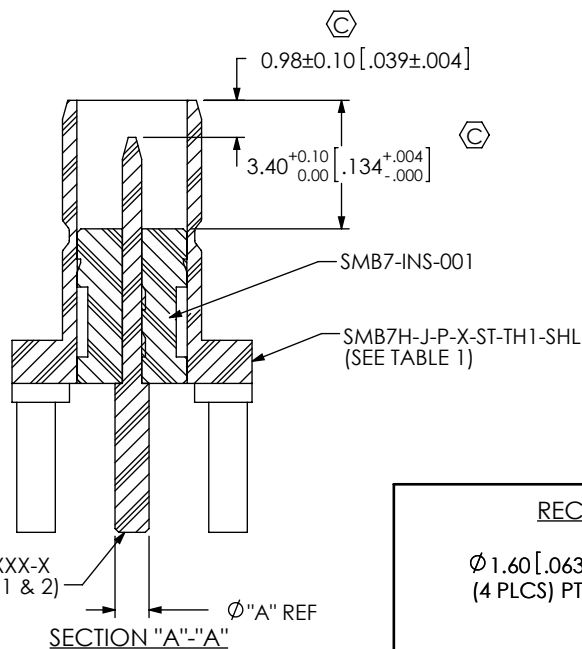
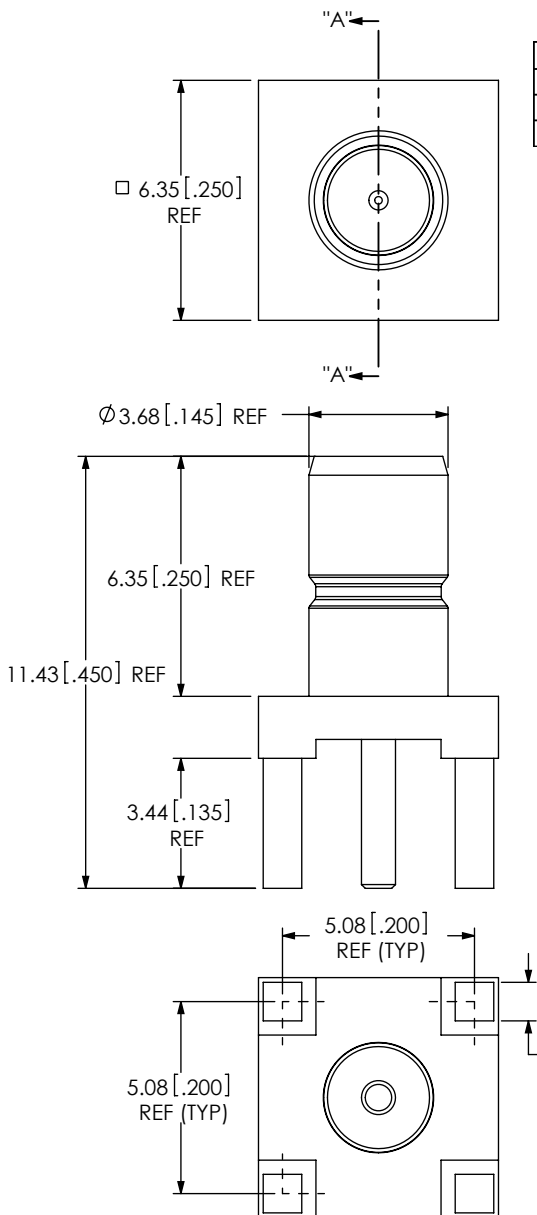
GENDER
-J: JACK

TYPE
-P: PCB

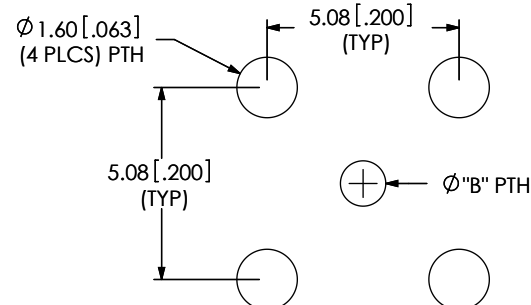
TERMINATION
-TH1: THROUGH HOLE
WITH $\varnothing 0.90$ POST
-TH2: THROUGH HOLE
WITH $\varnothing 0.51$ POST

ORIENTATION
-ST: STRAIGHT

PLATING
(VALUES GIVEN IN MICRO-INCHES)
-H: HEAVY GOLD
30 AU / 50 NI ON CENTER CONTACT
3 AU / 50 NI ON OUTER CONTACT
(SEE TABLE 1)



RECOMMENDED PCB LAYOUT



NOTES:

- ① REPRESENTS A CRITICAL DIMENSION.
- MINIMUM PUSHOUT FORCE FOR INSULATOR: 35.58 N [8.0 LB] .
- MINIMUM PUSHOUT FORCE FOR CENTER CONTACT: 17.79 N [4.0 LB].
- SEE PACKAGING STANDARD CO-HD-WI-3040-M.
- NOTE DELETED.

F:\DWG\MISC\MKTG\SMB7H-J-P-X-ST-THX-MKT.SLDDRW

UNLESS OTHERWISE SPECIFIED,
DIMENSIONS ARE IN
MILLIMETERS [INCHES].
TOLERANCES ARE:

DECIMALS ANGLES
.X: ±0.3 [.01] 5°
.XX: ±0.13 [.005]
.XXX: ±0.051 [.0020]

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, TRANSFERRED 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
PHONE: 812-944-6733 FAX: 812-948-5047
e-Mail: info@SAMTEC.com code: 55322

MATERIAL: DO NOT SCALE DRAWING SHEET SCALE: 5:1

CONTACT, SHELL: BRASS
INSULATOR: PTFE

DESCRIPTION:
SMB7 STRAIGHT THROUGH HOLE JACK- 75 OHM

DWG. NO.

SMB7H-J-P-X-ST-THX

BY: G. HERMAN 03/25/2008

SHEET 1 OF 1