REVISION C

DO NOT
SCALE FROM
THIS PRINT

**DESIGNED & DIMENSIONED
IN MILLIMETERS[INCHES]**

MBNC7-J-P-XX-ST-TH1

GENDER
-J: JACK

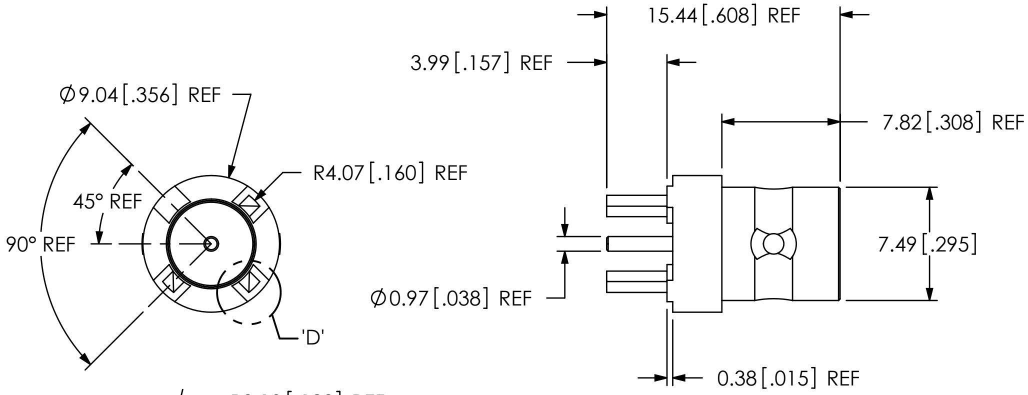
TYPE
-P: PCB

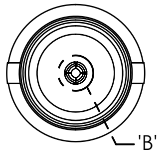
PLATING SPECIFICATION
-HN: HEAVY GOLD/NICKEL (SEE NOTES 7 & 8)
(MBNC7-J-P-N-ST-TH1-BDY)
(MBNC7-J-P-ST-TH1-INS)
(MBNC7-J-P-H-ST-TH1-SKT)

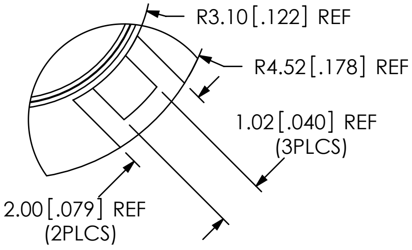
-MN: MEDIUM GOLD/NICKEL (SEE NOTES 7 & 8)
(MBNC7-J-P-N-ST-TH1-BDY)
(MBNC7-J-P-ST-TH1-INS)
(MBNC7-J-P-M-ST-TH1-SKT)

ORIENTATION
-ST: STRAIGHT

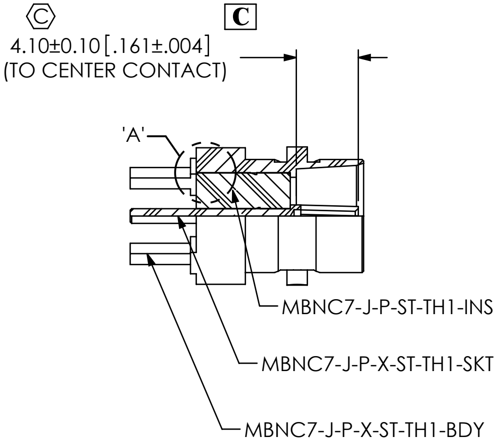
TERMINATION
-TH1: THROUGH HOLE

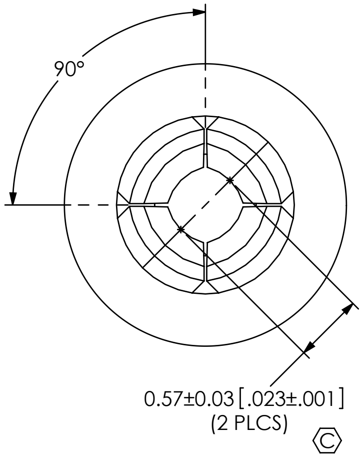






DETAIL 'D'
SCALE 6 : 1





DETAIL 'B'
SCALE 16 : 1

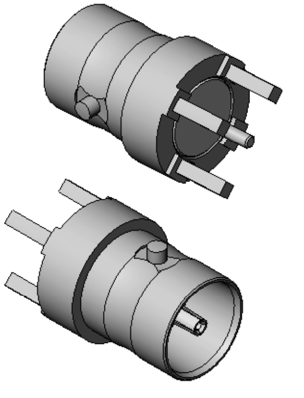
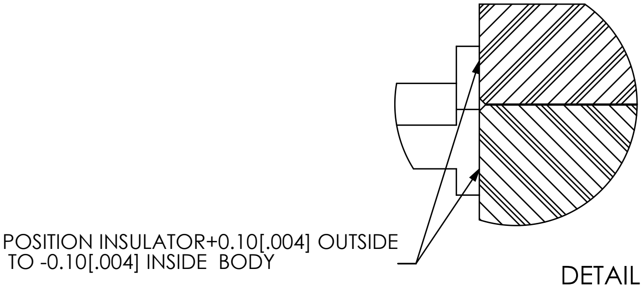
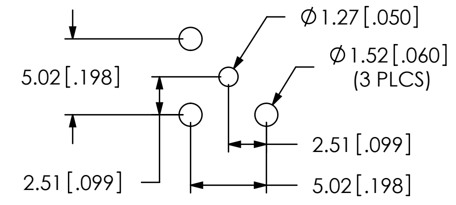


FIG.1
MBNC7-J-P-XX-ST-TH1 SHOWN



DETAIL 'A'
SCALE 8 : 1

RECOMMENDED PCB HOLE LAYOUT



NOTES:

1. Ⓒ REPRESENTS A CRITICAL DIMENSION.
2. PUSHOUT FORCE FOR CENTER CONTACT: 26.69 N [6.00 LB] MIN.
   FOR INSULATOR: 53.38 N [12.00 LB] MIN.
3. NOTE DELETED.
4. PRODUCT TO BE PACKAGED PER PACKAGING STANDARD CO-HD-WI-3040-M. USE SAMTEC TRAY TY-SMA001-1 AND TY-SMA001-2. QUANTITIES LESS THAN A FULL TRAY WILL NOT BE PACKAGED IN TRAYS.
5. RoHS COMPLIANT.
6. ALL PLATING MUST PASS SOLDERABILITY TEST PER MIL-STD-202G, METHOD 208H USING TYPE "R" FLUX.
7. COMPONENT PLATING DESIGNATIONS:
   -H: 0.000030" MIN. GOLD OVER 0.000050" MIN. NICKEL.
   -M 0.000010" MIN. GOLD OVER 0.000050" MIN. NICKEL.
   -N: 0.000100" MIN. NICKEL.
8. ASSEMBLY PLATING DESIGNATIONS:
   -HN: (CENTER CONTACT)-H
   (OUTER CONTACT) -N
   (REMAINING METAL PARTS) -N
   -MN: (CENTER CONTACT)-M
   (OUTER CONTACT) -N
   (REMAINING METAL PARTS) -N

F:\DWG\MISC\MKTG\MBNC7-J-P-XX-ST-TH1-MKT.SLDDRW

**THIS PRODUCT MANUFACTURED
WITH LEAD-FREE PROCESSING**

UNLESS OTHERWISE SPECIFIED
DIMENSIONS ARE IN MILLIMETERS [INCHES]

TOLERANCES ARE:

DECIMALS	ANGLES
.X: ±0.3 [.01]	2 °
.XX: ±0.13 [.005]	
.XXX: ±0.051 [.0020]	

PROPRIETARY NOTE

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: 2:1

BODY: BRASS
CONTACT: COPPER ALLOY
DIELECTRIC: PTFE

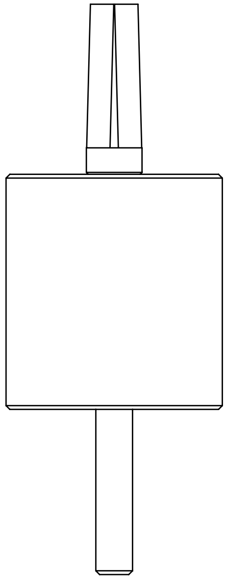
DESCRIPTION:
TRUE 75 OHM MINI BNC STRAIGHT JACK FOR PCB

DWG. NO.
MBNC7-J-P-XX-ST-TH1

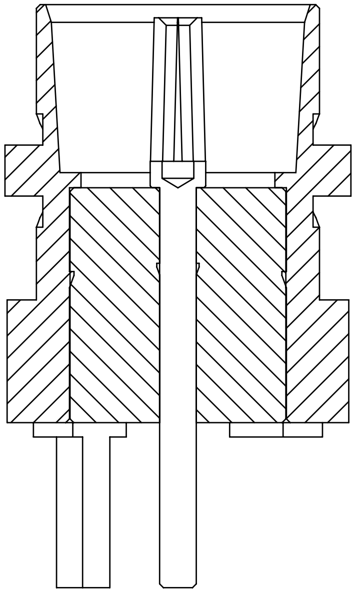
BY:J. BROWNING 11/16/2009

SHEET 1 OF 2

REVISION C



IN-PROCESS 1
INSERT PIN



IN-PROCESS 2
INSERT INSULATOR

CRITICAL DIMENSION INSPECTION INSTRUCTION TABLE		
ASSEMBLY OPERATION	START-UP INSPECTION INSPECT CODE A	IN-PROCESS INSPECTION INSPECT CODE B
INSERT PINS	C1	
INSERT INSULATORS	C2	

PROPRIETARY NOTE

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

SHEET SCALE: 2:1

DESCRIPTION:
TRUE 75 OHM MINI BNC STRAIGHT JACK FOR PCB

DWG. NO.
MBNC7-J-P-XX-ST-TH1

BY: J. BROWNING 11/16/2009 SHEET 2 OF 2

F:\DWG\MISC\MKTG\MBNC7-J-P-XX-ST-TH1-MKT.SLDDRW