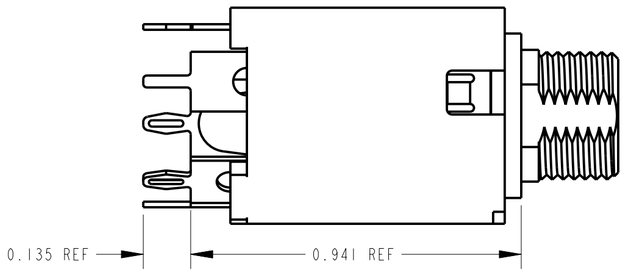
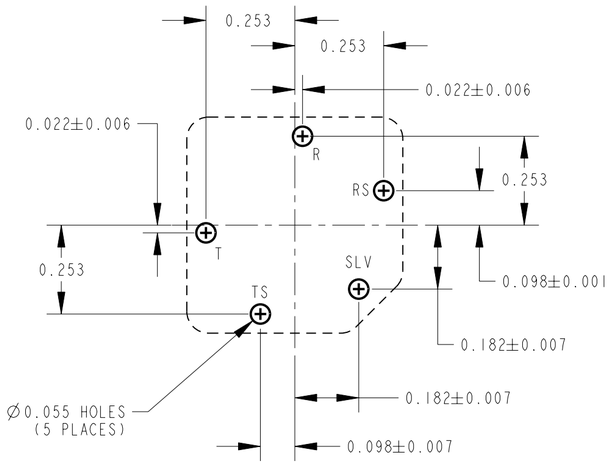




PCS TERMINAL OPTION
PCB LAYOUT - COMPONENT SIDE

11 **X**

NS - "N" INSULATING MOLDED NYLON BUSHING

"S" 0.210 BUSING I.D.

MNS - "M" GOLD PLATED SPRINGS WITH GOLD ALLOY CONTACTS ON RING SPRINGS AND SHUNT SPRINGS (WHEN SHUNTS ARE USED)

"N" INSULATING, MOLDED NYLON BUSHING

"S" 0.210 BUSHING I.D.

X - RoHS COMPLIANT

TERMINAL OPTIONS:

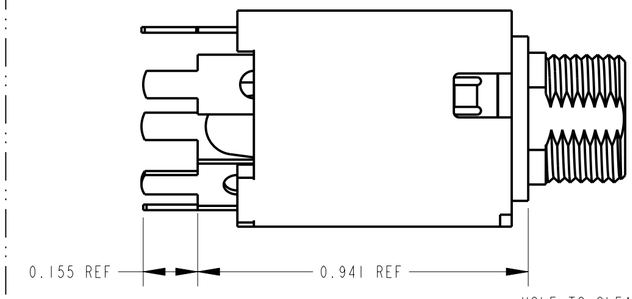
BLANK - SOLDER TERMINAL

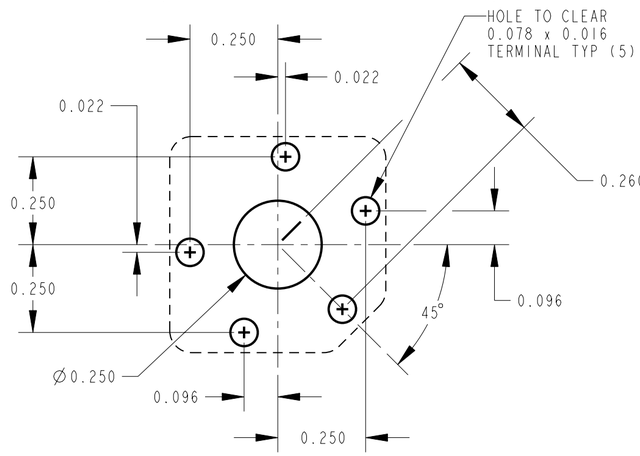
PC - 0.078 WIDE PC TAILS

PCS - SNAP-IN PC TAILS

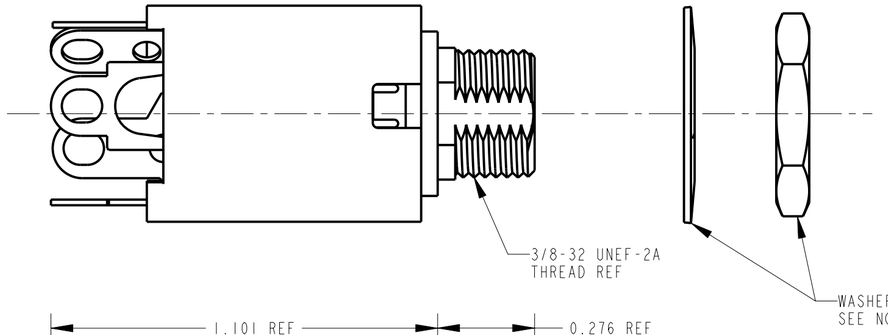
CIRCUITRY:

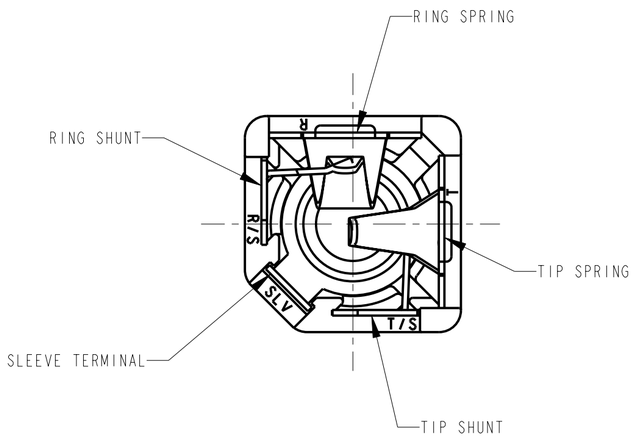
1 - TIP OPEN CIRCUIT	TIP, SLEEVE
2A - TIP CLOSED CIRCUIT	TIP, SLEEVE
2B - TIP & RING OPEN CIRCUIT	RING, TIP, SLEEVE
3 - TIP OPEN CIRCUIT AND ISOLATE "MAKE" CIRCUIT	TIP, SLEEVE
3B - TIP CLOSED CIRCUIT AND RING OPEN CIRCUIT (1-C TRANSFER)	RING, TIP, SLEEVE
3D - 1 TIP CLOSED CIRCUIT AND 1 TIP OPEN CIRCUIT	TIP, TIP, SLEEVE
3E - TIP OPEN CIRCUIT AND ISOLATED "BREAK" CIRCUIT	TIP, SLEEVE
3F - TIP OPEN CIRCUIT AND RING CLOSED CIRCUIT	RING, TIP, SLEEVE
4B - TIP & RING CLOSED CIRCUIT	RING, TIP, SLEEVE

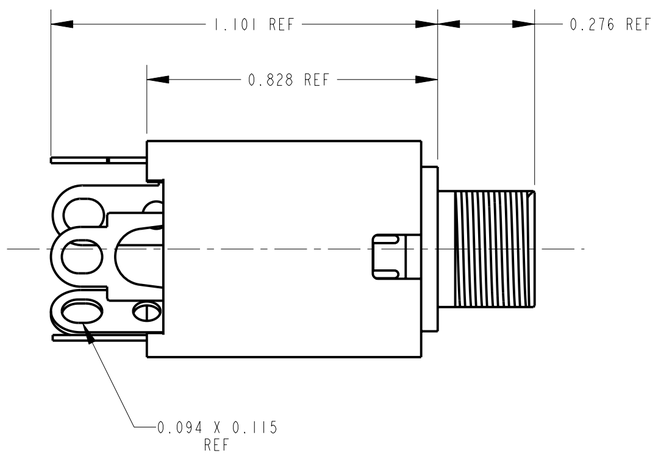


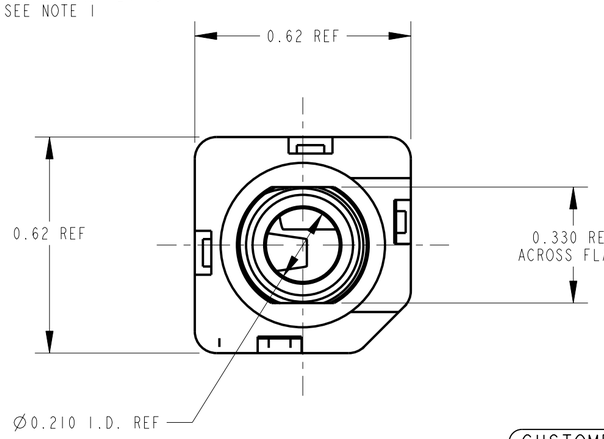


PC TERMINAL OPTION
PCB LAYOUT - COMPONENT SIDE









SOLDER TERMINAL OPTION

NOTES:

1. HARDWARE SHIPPED UNASSEMBLED.
2. MAXIMUM PANEL THICKNESS: 0.156
3. MATERIALS:
   HOUSING - POLYESTER GLASS FILLED, BLACK
   BUSHING - THERMOPLASTIC, BLACK WITH BRASS, NICKEL PLATED SLEEVE
   SLEEVE TERMINAL - BRASS, LEAD FREE ELECTRO-TIN PLATED
   SPRINGS - NICKEL SILVER, LEAD FREE ELECTRO-TIN PLATED
   LIFTERS - NYLON (113 & 113E CIRCUIT OPTIONS)
   WASHER - STEEL, NICKEL PLATED
   NUT - BRASS, NICKEL PLATED
4. THIS PRODUCT IS RoHS COMPLIANT.

CUSTOMER DRAWING

REV	ECO NUMBER	DATE	BY	APVD
A	26032	3-25-11	TJK	TJK

REVISIONS

☆ STAR SYMBOL DENOTES CRITICAL DIMENSION

UNLESS OTHERWISE SPECIFIED

1. ALL DIMENSIONS IN INCHES
   -TWO PLACE DECIMALS ±0.01
   -THREE PLACE DECIMALS ±0.005
   -ANGLES ±1°
   -ALL DIA. CONCENTRIC WITHIN 0.005 T.I.R.
2. FEATURES ON THE SAME CENTERLINE MUST BE ALIGNED WITHIN ±0.002
3. REMOVE ALL BURRS

DO NOT SCALE DRAWING

THIS DRAWING DESCRIBES A DESIGN CONSIDERED PROPRIETARY IN NATURE, DEVELOPED AND MANUFACTURED BY SWITCHCRAFT INC. AND IS RELEASED ON A CONFIDENTIAL BASIS FOR IDENTIFICATION PURPOSES ONLY.

SIZE	WIDTH	MULT	LBS/M	TEMPER

FINISH
SPEC No.

MATERIAL
SPEC No.

FIRST USED ON

SCALE 3:1

DATE DRAWN	BY	CHKD	APVD
15-Aug-07	TJK	TJK 8-15-07	TJK 8-15-07

Switchcraft®

SHEET 1 OF 1

NAME #3/8-32 INSULATED BUSHING Ø0.21 I.D. HI-D JACK ASSY, RoHS

PART No. NS111X SERIES MNS111X SERIES

REV A

Pro/Engineer CAD File