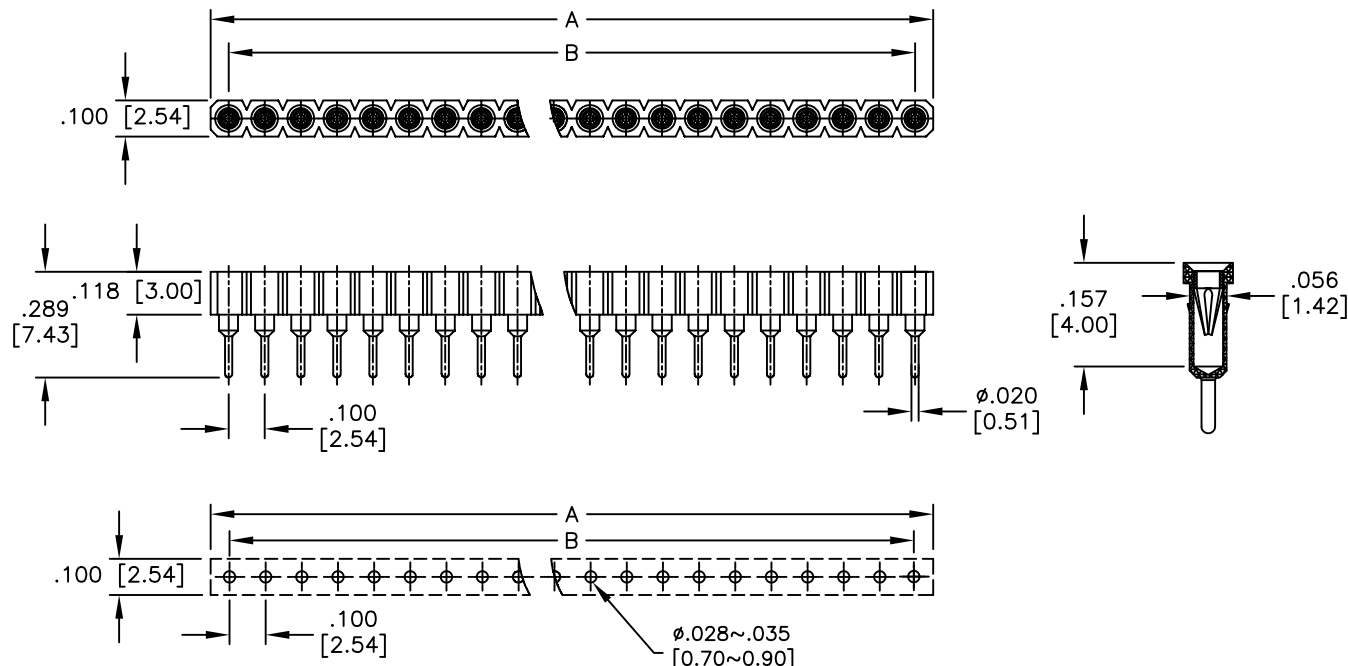


APPROVED: _____

DATE: _____ TITLE: _____

Rev	AWO #	Description	Date	Appr
-		RELEASED	1/28/05	
A		TAIL LENGTH	4/12/06	
B		REDRAWN	10/3/11	
C		ADDED SECTION & DIM.	11/20/17	HR/NP



RECOMMENDED PCB LAYOUT

SPECIFICATIONS:

Material:

Insulator: PBT, Glass reinforced, rated UL 94V-0

Insulator color: Black

Contacts: Copper alloy

Sleeve: Brass

Plating:

Inner contact: Gold flash over Nickel underplate

Outer sleeve: Tin over Copper underplate overall

Electrical:

Rated voltage : 100V RMS/ 150VDC

Current rating: 3 Amp

Contact resistance: 4 mohms max

Insulation resistance: 10,000 Mohms min @ 500 VAC

Mechanical :

Average insertion force : < 250g

With steel pin of $\phi .017$ [0.43]mm

Average withdrawal force : > 50g

With steel pin of $\phi .017$ [0.43]mm

Mechanical life : min. 200

Temperature Rating:

Operating temperature : Gold plated : -55 °C to + 125 °C

(Continuous) Tin plated : -40 °C to + 105 °C

Environmental:

Lead free, RoHS compliant



Positions: 1 thru 40

A = .100 [2.54] x No. of Positions

B = .100 [2.54] x No. of Spaces

UNLESS OTHERWISE SPECIFIED
ALL DIMENSIONS ARE INCHES [MM]
TOLERANCES: EXCEPT AS NOTED

INCHES		HOLES	
.X	± .10	$\phi .X$	± .10
.XX	± .020	$\phi .XX$	± .015
.XXX	± .015	$\phi .XXX$	± .010

APPROVALS		DATE
DRAWN	SS	1/28/05
CHECKED		
APPROVED		

ADAM TECH

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TITLE
SCREW MACHINE CONTACT SOCKET
.100" SPACING, GOLD/TIN PLATED

SIZE X	PART NO. SMC-1-XX-1-GT	REV. C
REF: S00007T	SCALE: NTS	SHEET 1 OF 1