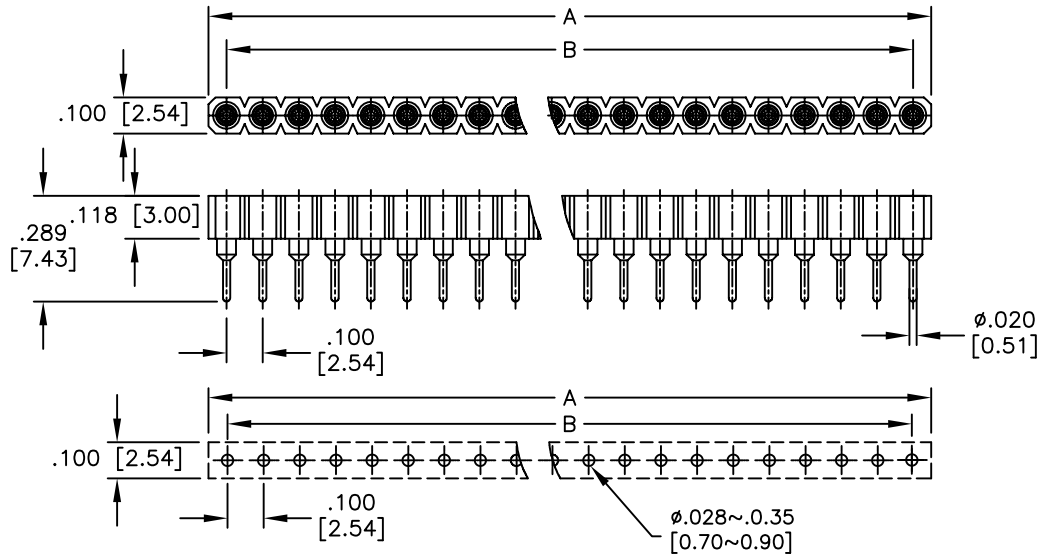
APPROVED: _____

DATE: _____ TITLE: _____

Rev	AWO #	Description	Date	Appr
-		RELEASED	1/28/05	
A		TAIL LENGTH	4/12/06	
B		REDRAWN	10/3/11	



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 Ø.017 [0.43]mm
Average withdrawal force : > 50g
With steel pin of Ø.017 [0.43]mm
Mechanical life : min. 200
Temperature Rating:
Operating temperature : Gold plated : –55 ℃ to + 125 ℃
(Continuous) Tin plated : –40 ℃ to + 105 ℃
Environmental:
Lead free, RoHS compliant

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	Ø.X	±.10
.XX	± .020	Ø.XX	±.015
.XXX	± .015	Ø.XXX	±.010

APPROVALS		DATE
DRAWN	SS	1/28/05
CHECKED		
APPROVED		

ADAM TECH
909 Rahway Avenue, Union, NJ 07083
Phone: 908-687-5000 Fax: 908-687-5710

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

SIZE	PART NO.	REV.
X	SMC-1-XX-1-GT	B

REF: S00007T | SCALE: NTS | SHEET 1 OF 1