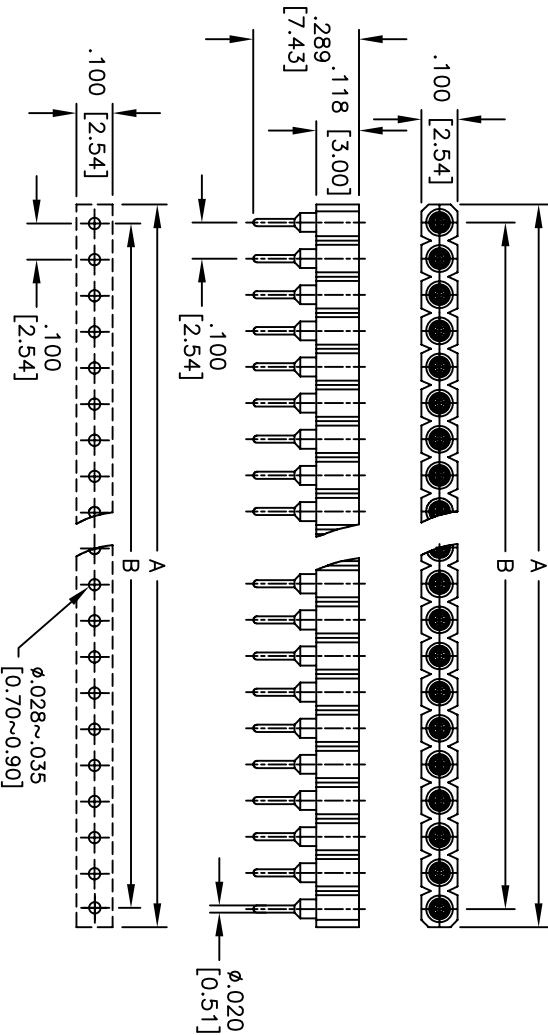


APPROVED: \_\_\_\_\_  
DATE: \_\_\_\_\_ TITLE: \_\_\_\_\_

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



RECOMMENDED PCB LAYOUT

Positions: 1 thru 40  
A = .100 [2.54] x No. of Positions  
B = .100 [2.54] x No. of Spaces

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 °C to + 125 °C

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

Environmental:

Lead free, RoHS compliant



UNLESS OTHERWISE SPECIFIED ALL DIMENSIONS ARE INCHES [MM] TOLERANCES: EXCEPT AS NOTED		ADAM TECH 909 Railway Avenue, Union, NJ 07083 Phone: 908-687-5000 Fax: 908-687-5710	
INCHES		Holes	
.X ± .10	Ø.X ± .10		
.XX ± .020	Ø.XX ± .015		
.XXX ± .015	Ø.XXX ± .010		
APPROVALS	DATE	TITLE SCREW MACHINE CONTACT SOCKET .100" SPACING, GOLD/TIN PLATED	
DRAWN	SS	1/28/05	
CHECKED			
APPROVED			
SIZE	PART NO.	SMC-1-XX-1-GT	REV. B
REF:	S00007T	SCALE: NTS	SHEET 1 OF 1