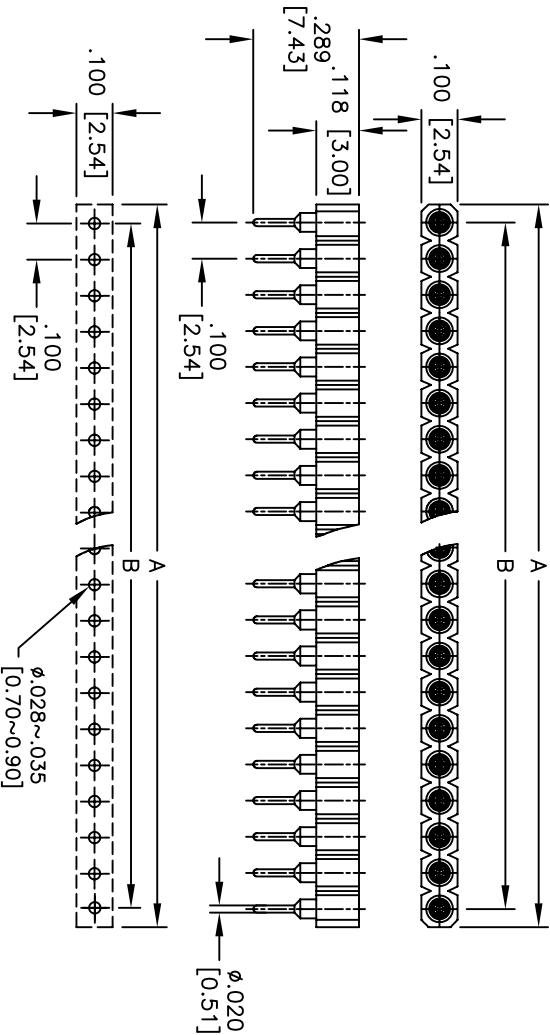


APPROVED: _____
 DATE: _____ TITLE: _____

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 $\phi .017$ [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 $+125^{\circ}\text{C}$
 (Continuous) Tin plated : -40°C to $+105^{\circ}\text{C}$
 Environmental:
 Lead free, RoHS compliant



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