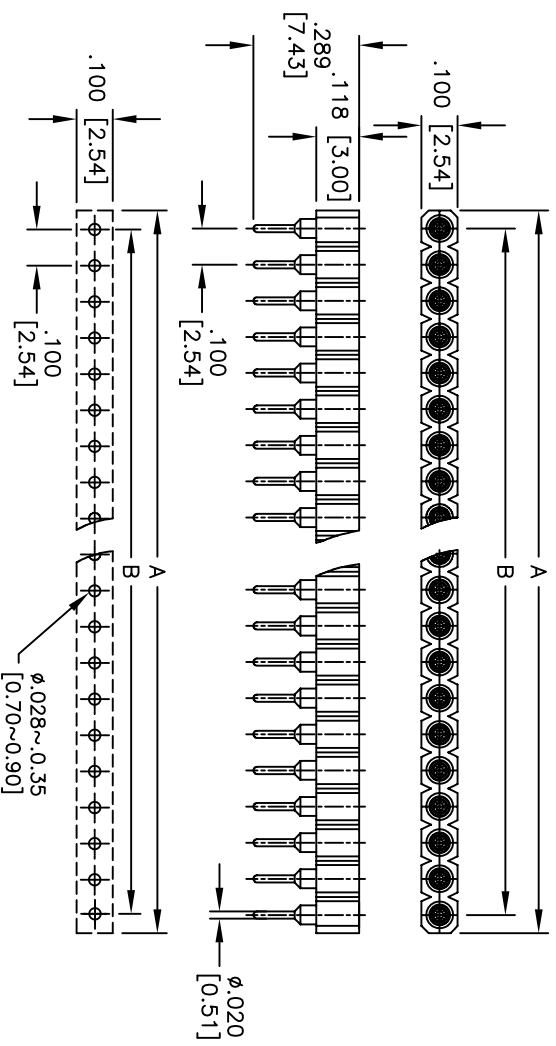


Rev	AWO #	Description	Date	Appr
-		RELEASED	1/28/05	
A		TAIL LENGTH	4/12/06	
B		REDRAWN	10/3/11	

APPROVED: _____
 DATE: _____ TITLE: _____



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 $\phi 0.017$ [0.43]mm
 Average withdrawal force : > 50g
 With steel pin of $\phi 0.017$ [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



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

UNLESS OTHERWISE SPECIFIED ALL DIMENSIONS ARE INCHES [MM] TOLERANCES: EXCEPT AS NOTED		INCHES		HOLE SIZES	
.X	± .10	ØXX	± .10	.XXX	± .015
.XX	± .020	ØXXX	± .015	.XXX	± .010
.XXX	± .015	ØXXX	± .010		
APPROVALS		DATE			
DRAWN	SS	1/28/05			
CHECKED					
APPROVED					
SIZE	PART NO.	SCALE: NTS		SHEET	REV.
X	SMC-1-XX-1-GT			1 OF 1	B
REF:	S00007T				

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