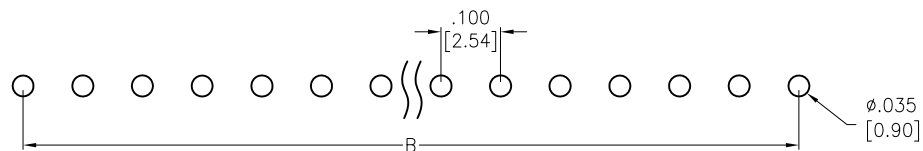
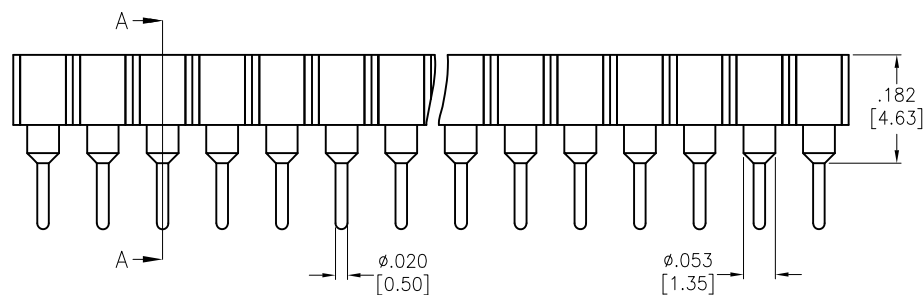
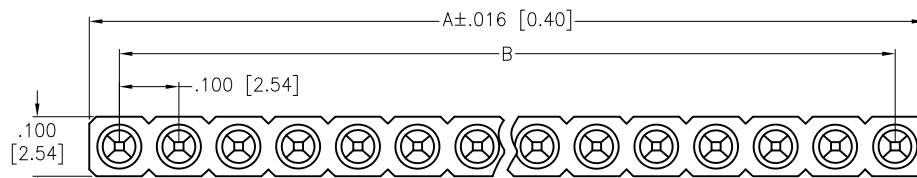


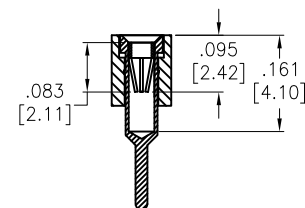
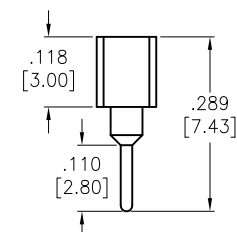
APPROVED: _____

DATE: _____ TITLE: _____

Rev	AWO #	Description	Date	Appr
-		RELEASED	2/12/15	
A		ADDED SECTION A-A	8/14/17	AY/MC
B		UPDATE SPEC.	4/11/18	AY/MY



RECOMMENDED PCB LAYOUT



SECTION A-A

SPECIFICATIONS:

Material:

Insulator: (PPS) Hi-Temp Thermoplastic, rated UL 94V-0

Insulator color: Black

Pin (Outer Sleeve): Brass

Clip (Contact 4 finger): Beryllium Copper

Plating:

Inner contact: Gold flash over Nickel underplate

Outer sleeve: Tin over Nickel underplate overall

Electrical:

Operating voltage: 60VAC/DC

Current rating: 3 Amps/contact max.

Current resistance: $\leq 20\text{m}\Omega$ / contact

Insulation resistance: $\geq 1,000\text{M}\Omega$ at 100 V

Mechanical:

Operating temperature: Gold plated: -55°C to $+105^{\circ}\text{C}$

Tin plated: -40°C to $+105^{\circ}\text{C}$

Average insertion force: $< 250\text{g}$

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

Average withdrawal force: $> 90\text{g}$ min.

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

Mechanical life: 200 Cycle min.

Environmental:

Lead free, RoHS compliant



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 $\pm .10$ $\varnothing$.X $\pm .10$
.XX $\pm .020$ $\varnothing$.XX $\pm .015$
.XXX $\pm .015$ $\varnothing$.XXX $\pm .010$

APPROVALS		DATE
DRAWN	AY	2/12/15
CHECKED	KW	2/12/15
APPROVED		

ADAM
TECH
INTERCONNECTS

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

TITLE			
SCREW MACHINE CONTACT SOCKET, PCB TYPE, .100" SPACING, GOLD/TIN PLATED			
SIZE	PART NO.	REV.	
X	SMC-1A-XX-1-GT-HT	B	
REF: S00145C		SCALE: NTS	SHEET 1 OF 1