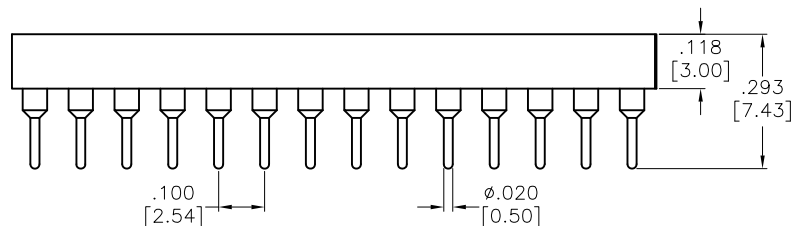
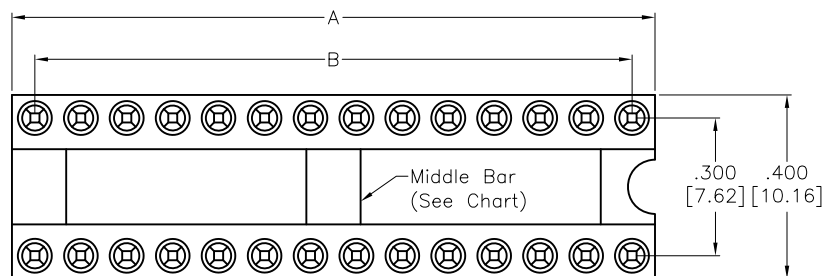
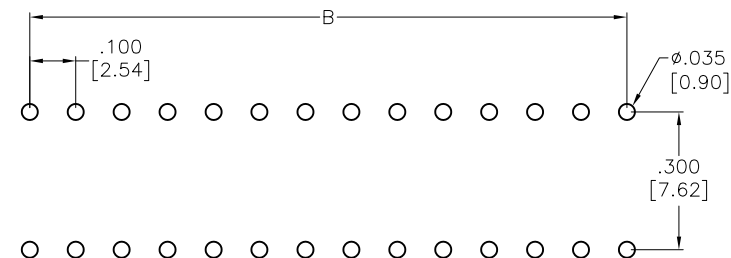


APPROVED: \_\_\_\_\_

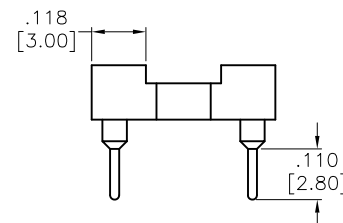
DATE: \_\_\_\_\_ TITLE: \_\_\_\_\_



| Rev | AWO # | Description   | Date     | Appr  |
|-----|-------|---------------|----------|-------|
| -   |       | RELEASED      | 5/19/08  |       |
| A   |       | REVISED SPEC. | 10/25/11 |       |
| B   |       | REDRAWN       | 11/01/11 |       |
| C   |       | REDRAWN       | 10/16/15 | AY/TW |
| D   |       | UPDATE SPEC.  | 11/5/18  | AY/RC |
| E   |       | UPDATE SPEC.  | 1/27/21  | OW/EY |
| F   |       | UPDATE CHART  | 8/5/22   | SS    |



RECOMMENDED PCB LAYOUT



| P/N             | POSITION | A             | B             | MIDDLE BAR |
|-----------------|----------|---------------|---------------|------------|
| ICM-306-1-GT-HT | 6        | .300 [7.62]   | .200 [5.08]   | WITHOUT    |
| ICM-308-1-GT-HT | 8        | .400 [10.16]  | .300 [7.62]   |            |
| ICM-310-1-GT-HT | 10       | .500 [12.70]  | .400 [10.16]  |            |
| ICM-312-1-GT-HT | 12       | .600 [15.24]  | .500 [12.70]  |            |
| ICM-314-1-GT-HT | 14       | .700 [17.78]  | .600 [15.24]  |            |
| ICM-316-1-GT-HT | 16       | .800 [20.32]  | .700 [17.78]  |            |
| ICM-318-1-GT-HT | 18       | .900 [22.86]  | .800 [20.32]  | WITH       |
| ICM-320-1-GT-HT | 20       | 1.000 [25.40] | .900 [22.86]  |            |
| ICM-324-1-GT-HT | 24       | 1.200 [30.48] | 1.100 [27.94] |            |
| ICM-328-1-GT-HT | 28       | 1.400 [35.56] | 1.300 [33.02] |            |

#### 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:  $\leq 4\text{m}\Omega$  / contact

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

Mechanical:

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

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

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

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

Average withdrawal force:  $> 20\text{g}$  min.

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

Mechanical life: 200 Cycle min.

Environmental:

Lead free, RoHS compliant



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

SS

5/19/08

CHECKED

APPROVED

**ADAM**  
**TECH**

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

TITLE

SCREW MACHINE IC SOCKET  
.300" ROW SPACING

SIZE

X

PART NO.

ICM-3XX-1-GT-HT

REV.

F

REF:

S00145C

SCALE:

NTS

SHEET 1 OF 1